Confidential

AIRCRAFT DESIGN DATA

VOLUME II

EDITION OF 1919

U.S. DEPARTMENT OF THE NAVY BUREAU OF CONSTRUCTION & REPAIR

E. E. ALDRIN

Triplicate. Serial No. 78

(Retain in book.)

AIRCRAFT DESIGN DATA, VOL. II.

...., 19....
(Name of company or office.) (Date.)

Receipt is hereby acknowledged of one copy of the "Aircraft Design Data" for building aircraft by the United States Navy. It is understood and agreed that these notes are to be regarded as strictly confidential and are subject to recall by the Bureau of Construction and Repair.

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Receipts for copies of the Aircraft Design Data Notes issued to airplane contractors shall be signed by a responsible representative of the company. Receipts for copies issued to individuals in the office of the superintending constructor or to the inspectors under other Bureaus shall be signed by the individuals receiving the copies. The superintending constructor shall forward the first receipts to the Bureau of Construction and Repair and retain the second in his files for reference in issuing supplements.

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Register № 78

AIRCRAFT DESIGN DATA

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VOLUME II

Note 9—VII: Aerofoils--Characteristics

NAVY DEPARTMENT
BUREAU OF CONSTRUCTION AND REPAIR

WASHINGTON
GOVERNMENT PRINTING OFFICE
1920

PREFACE TO FIRST ISSUE.

Aircraft Design Data Notes were first issued in 1918 as blue-printed notes in order to secure, together with the aeronautical specifications issued by the Bureau, as far as practicable, uniformity in practice, workmanship, and procedure in the construction and performance estimates of aircraft of like types at various manufacturing companies, and to furnish engineering information on which these calculations are to be based. Future notes will be issued as they are prepared.

D. W. Taylor,
Rear Admiral, Chief Constructor, U. S. Navy.

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DEPARTMENT OF THE NAVY ★ BUREAU OF CONSTRUCTION & REPAIR ★

AIRCRAFT DESIGN DATA NOTE NO. 9.

AEROFOILS.

VII. CHARACTERISTICS.

Actual wind tunnel results are plotted in the following curves. Therefore, in comparing the characteristics of two aerofoils from wind tunnel reports, the second should be reduced to the same VL as the first (by means of the curves D. D. 9–III).

The models tested were all rectangular in plan with an aspect ratio of 6 except where noted in plan on a separate sheet included with the characteristics of that particular section. In case of the characteristics of a distinct biplane combination the front and side elevation and plan of the combination follows on a separate sheet.

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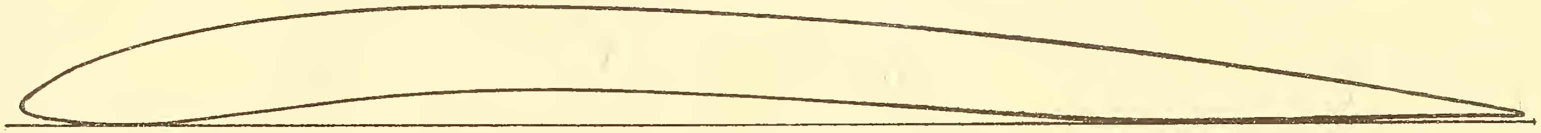
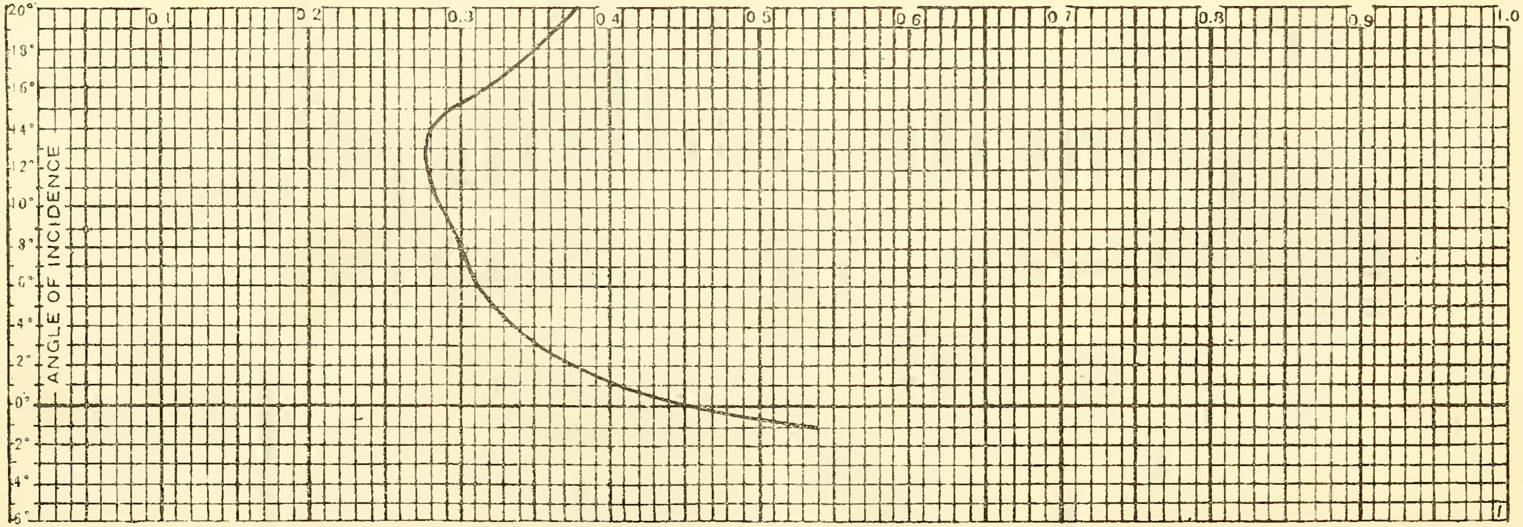
AEROFOIL, U. S. A. No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

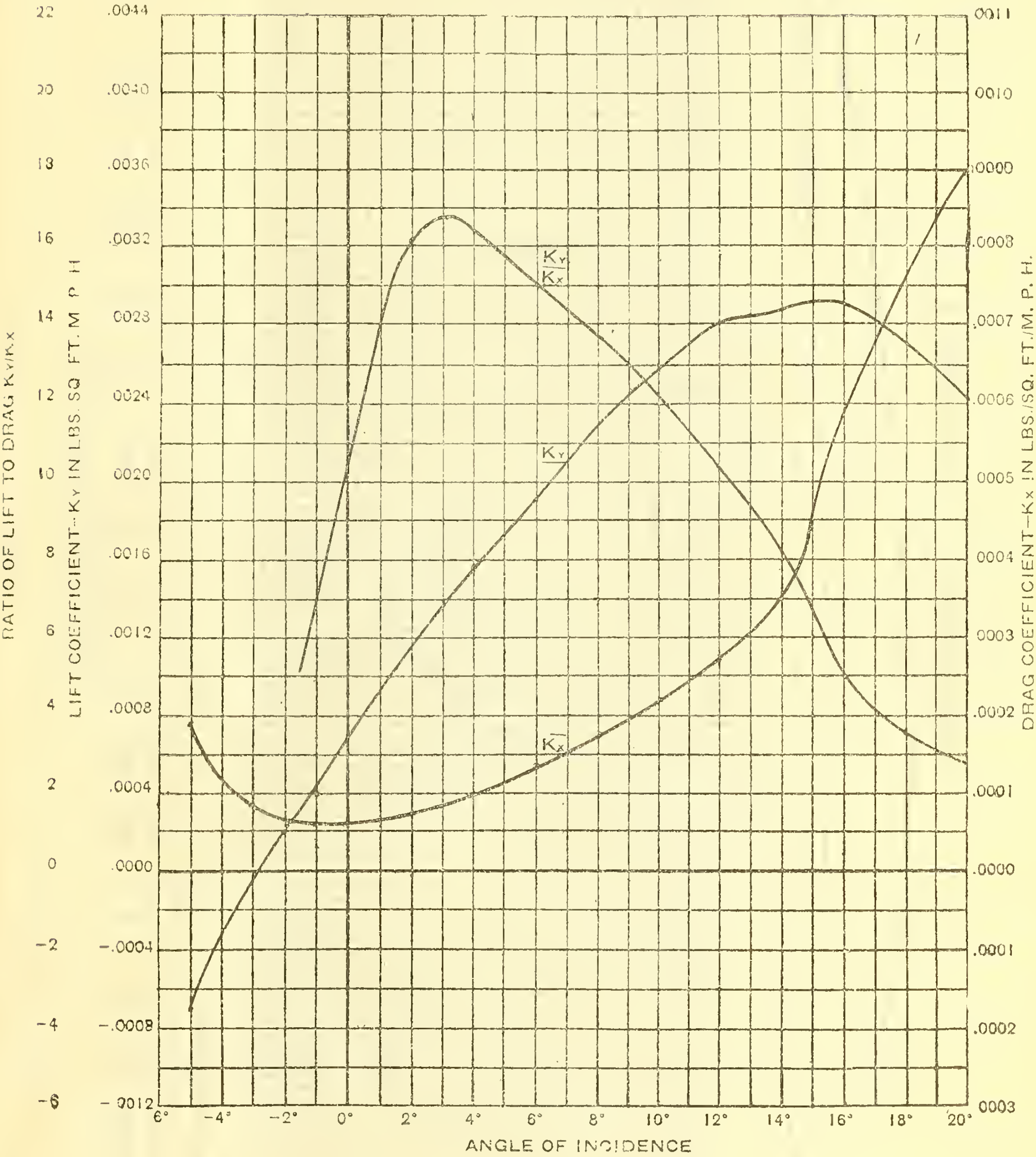


Distance from leading edge	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0122	.0256	.0344	.0477	.0558	.0611	.0728	.0761	.0765	.0711	.0636	.0532	.0390	.0247	.0083
Lower camber	.0081	.0042	.0019	0	.0012	.0039	.0160	.0227	.0228	.0172	.0104	.0094	0	.0003	.0049

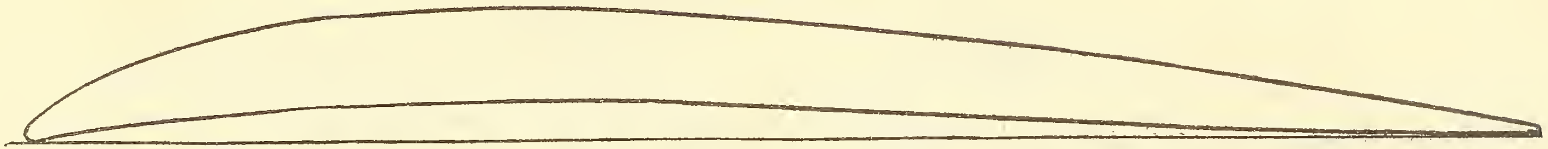
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 1.

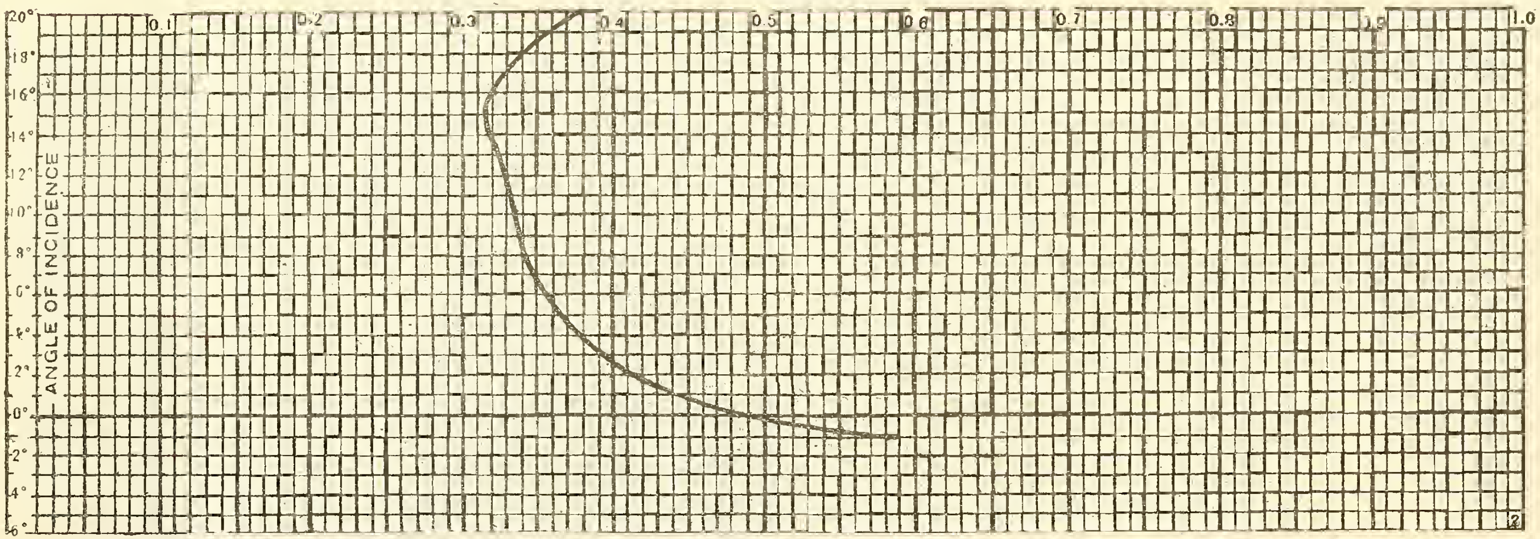
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

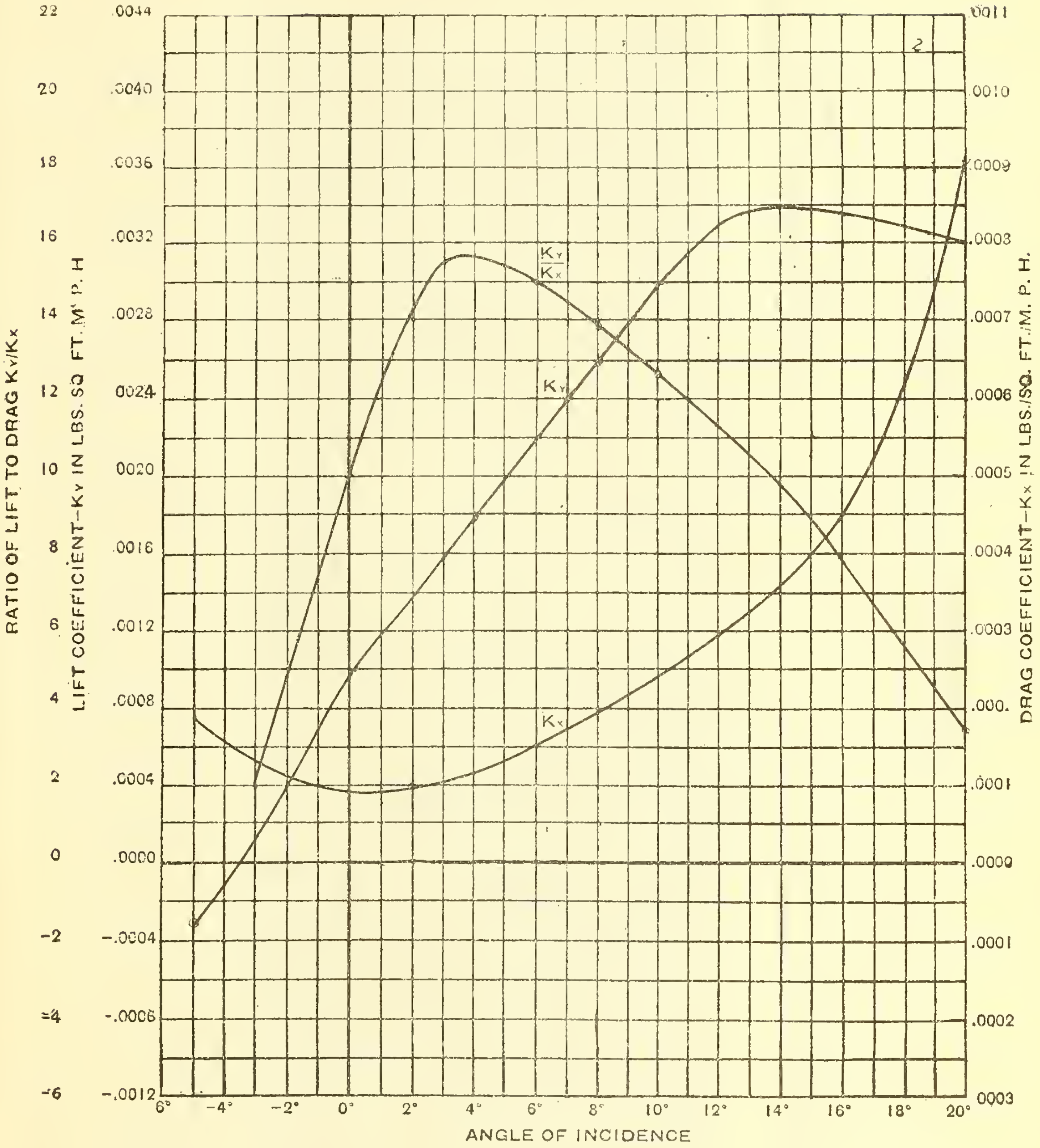


Distance from leading edge	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.008	.018	.0298	.0438	.0550	.0638	.0837	.0880	.0850	.0785	.0688	.0562	.0412	.0248	.0070
Lower camber	0	.0027	.0049	.0088	.0123	.0151	.0223	.0257	.0273	.0253	.0195	.0127	.0072	.0030	....

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 2.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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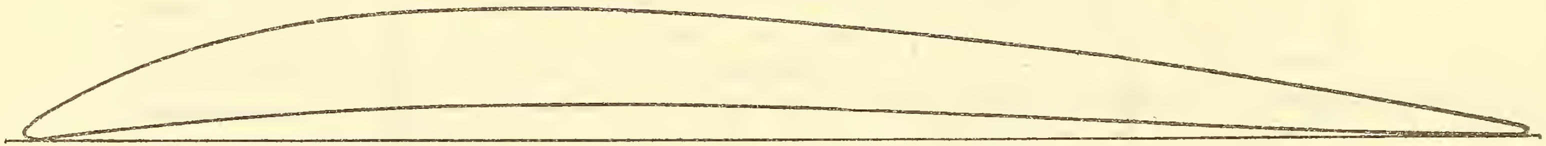
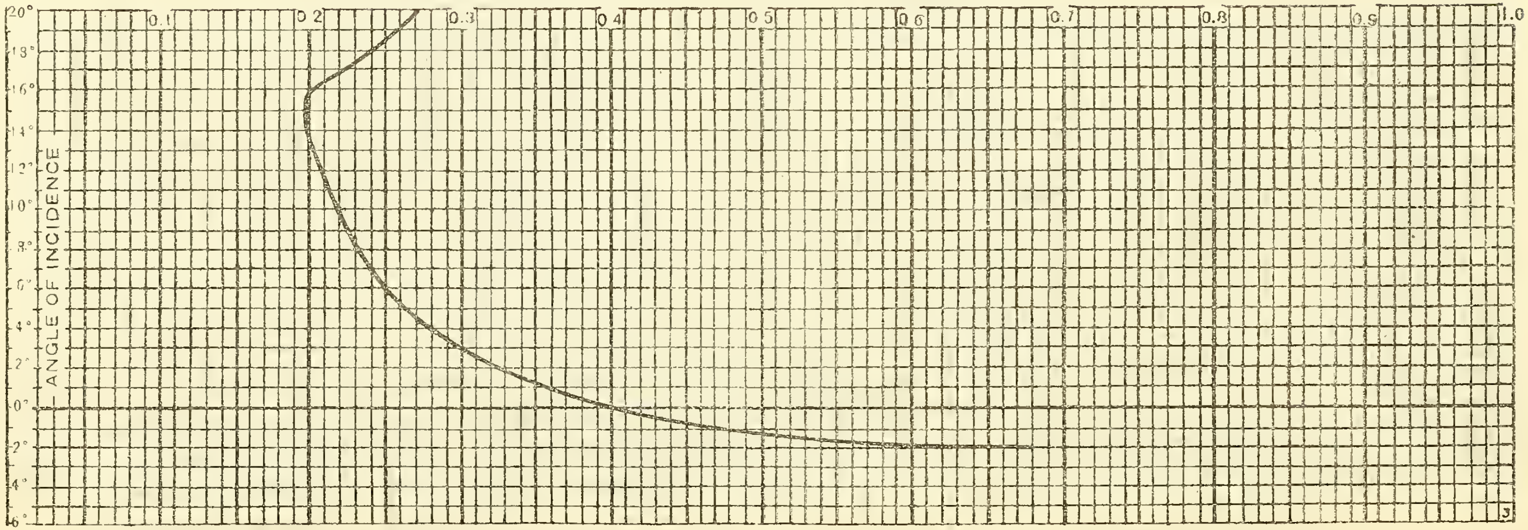


CURVE OF CENTER OF PRESSURE TRAVEL

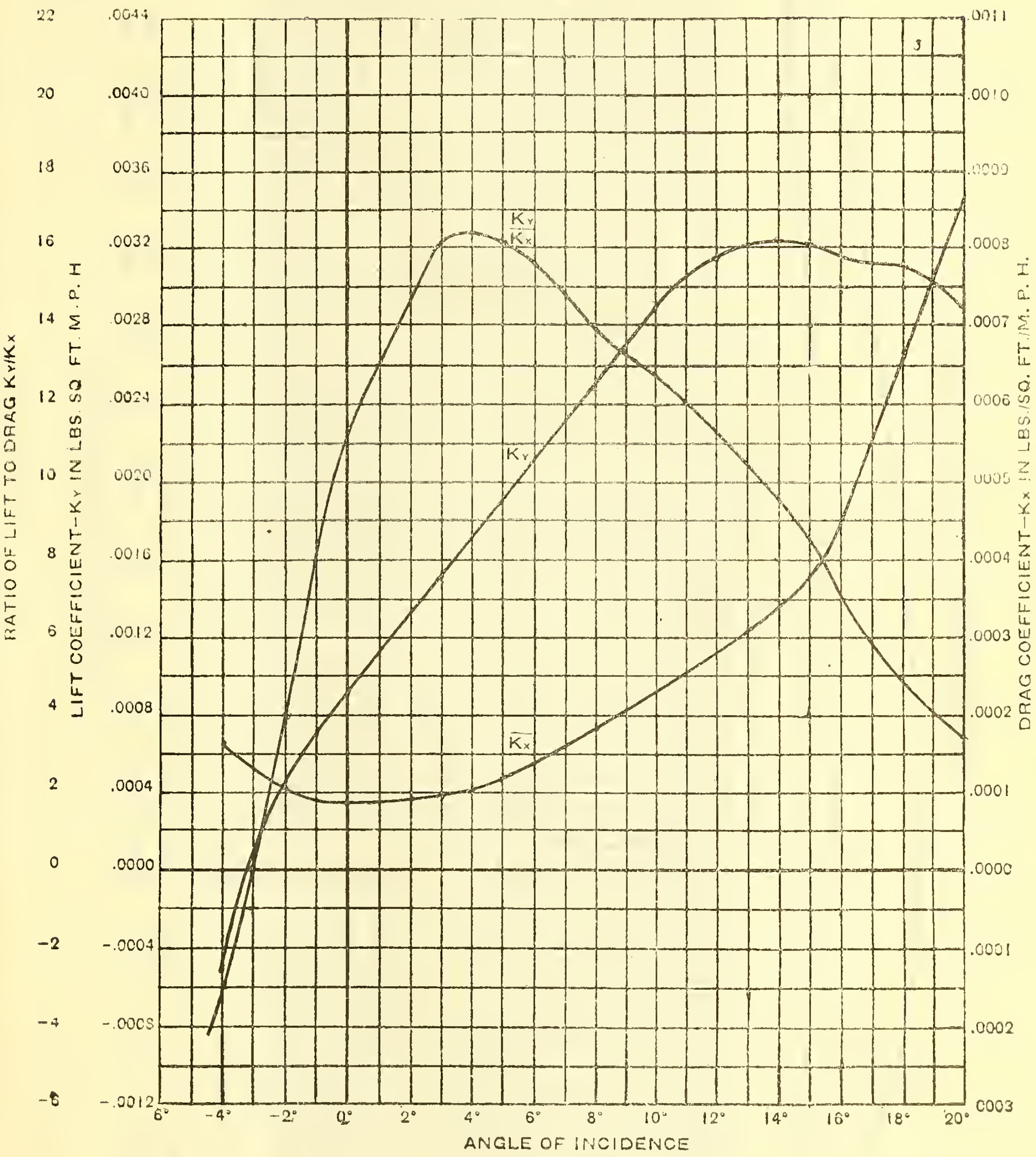


Distance from leading edge.......	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber....................	.0079	.0187	.0264	.0391	.050	.0598	.0826	.0860	.0844	.0775	.0680	.0557	.0408	.0239	.0069
Lower camber....................	0	.0013	.0030	.0062	.0090	.0115	.0187	.0230	.0256	.0233	.0178	.0115	.0063	.0033	0

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 3.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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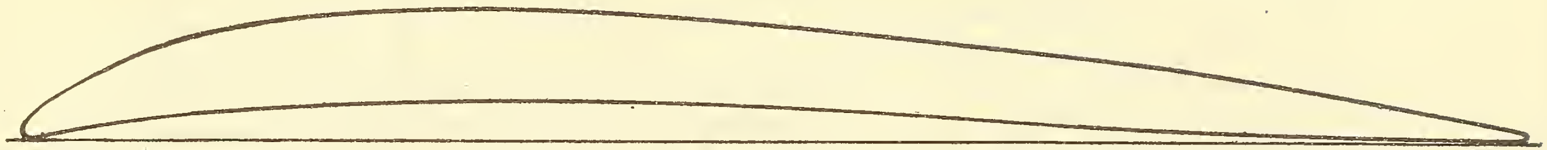
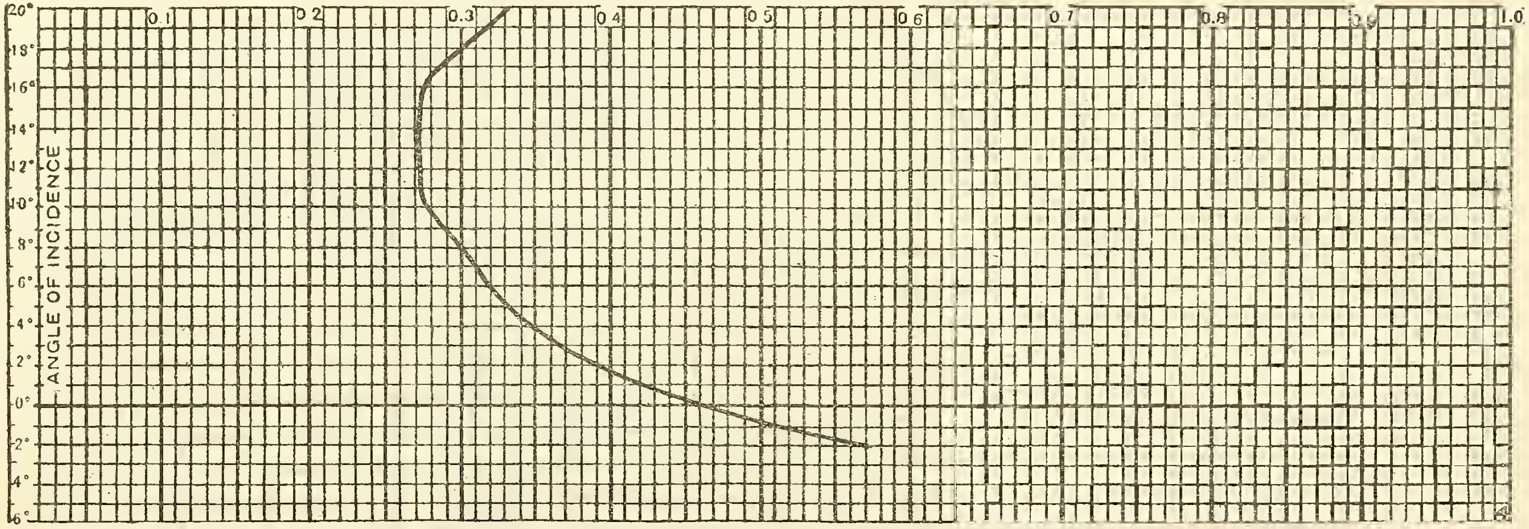


CURVE OF CENTER OF PRESSURE TRAVEL

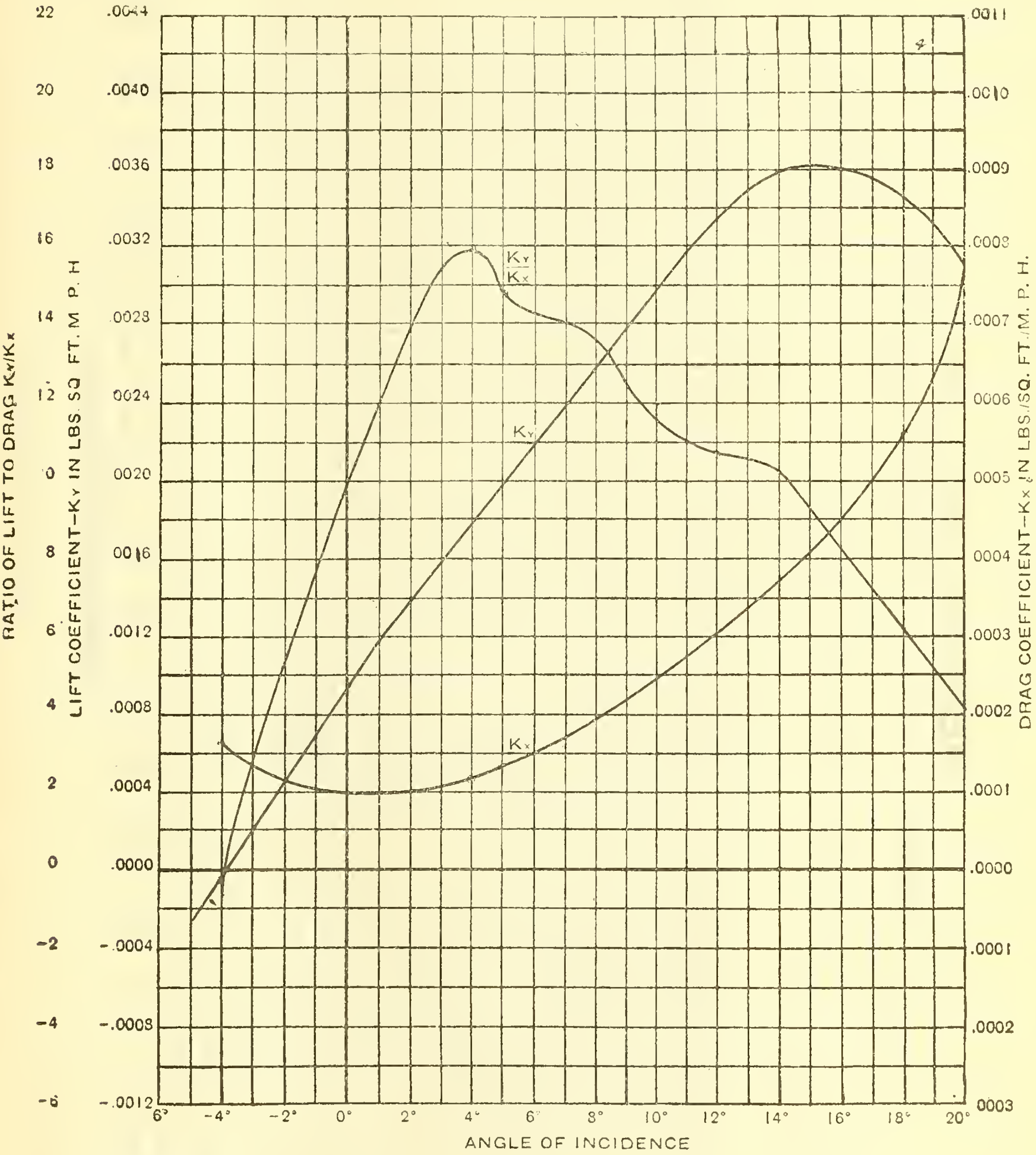


Distance from leading edge	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0081	.0243	.0344	.0488	.060	.0683	.0857	.0890	.0857	.0782	.0690	.0560	.0408	.0232	.0071
Lower camber	0	.0025	.0051	.0107	.0147	.0182	.0257	.0283	.0293	.0263	.0198	.0122	.0062	.0030	0

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 4.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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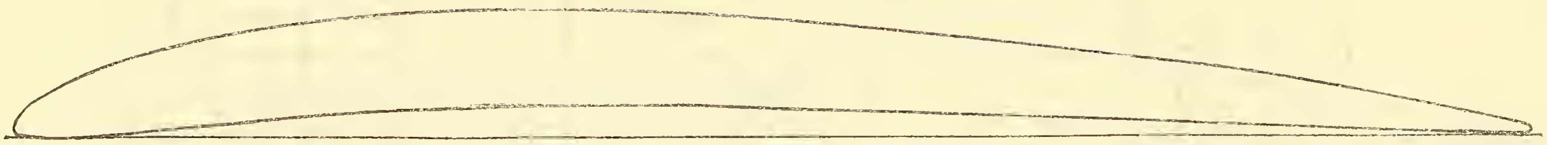
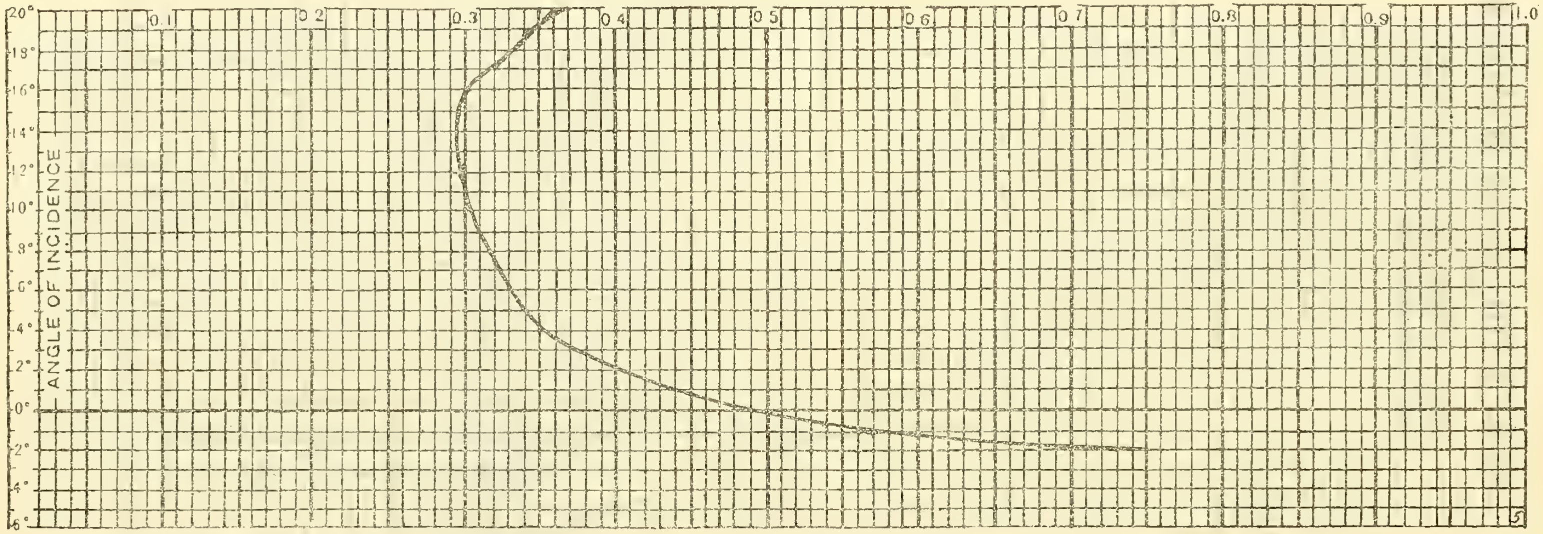


CURVE OF CENTER OF PRESSURE TRAVEL

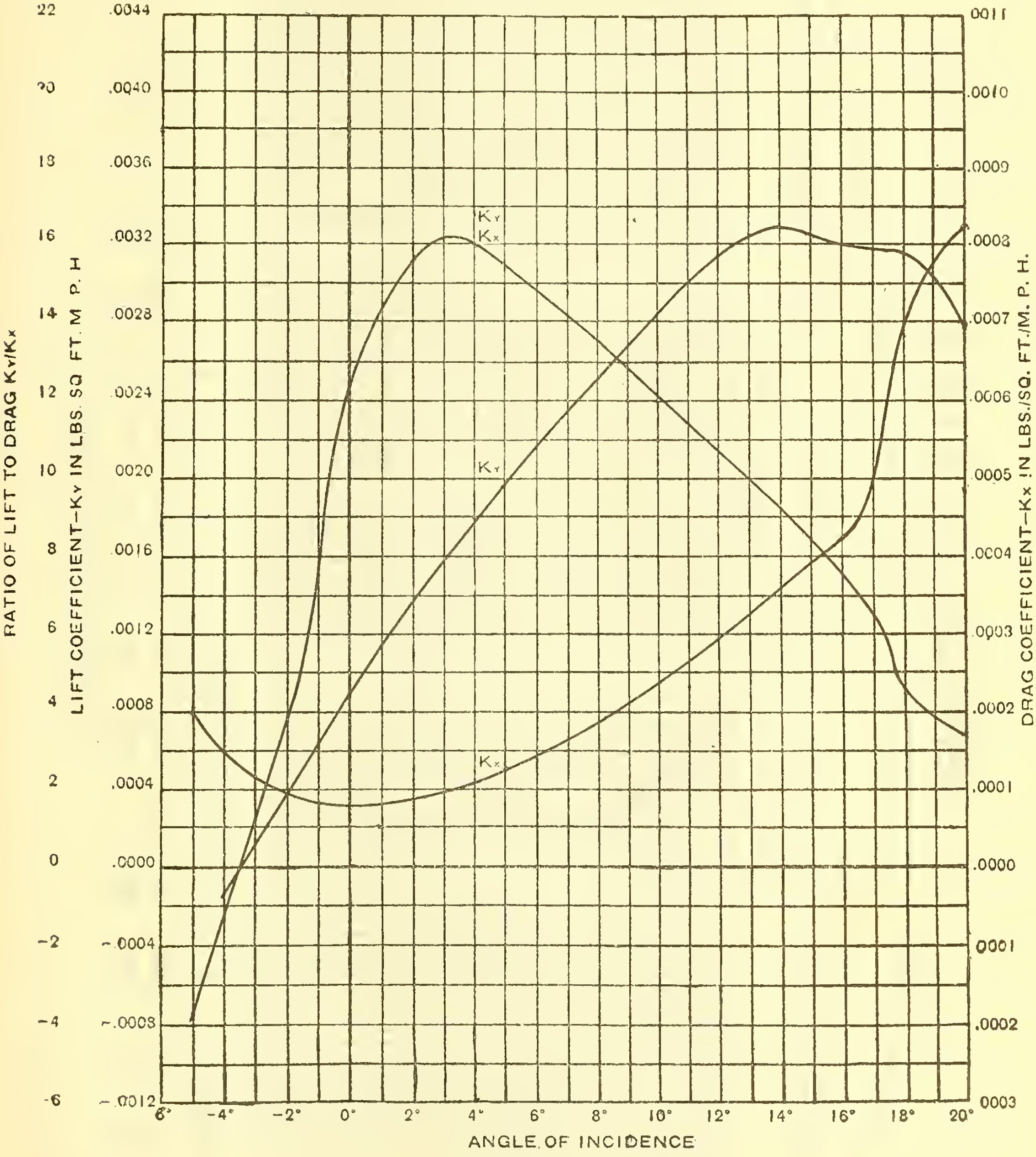


Distance from leading edge	0	.0125	.025	.0375	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0073	.0210	.0303	....	.0440	.0540	.0620	.0792	.0830	.0814	.0755	.0675	.0563	.0424	.0252	.0050
Lower camber	.0033	.0017	.0003	0	.0003	.0025	.0057	.0155	.0202	.0217	.0195	.0155	.0116	.0076	.0055	0

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 5.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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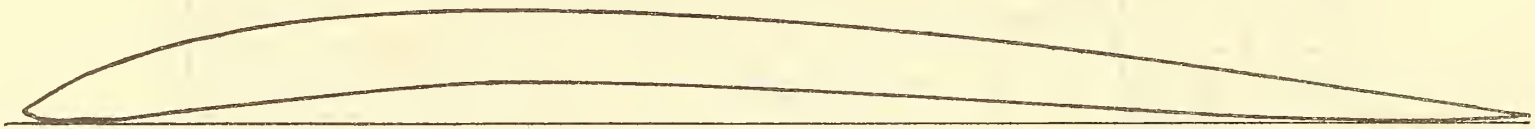
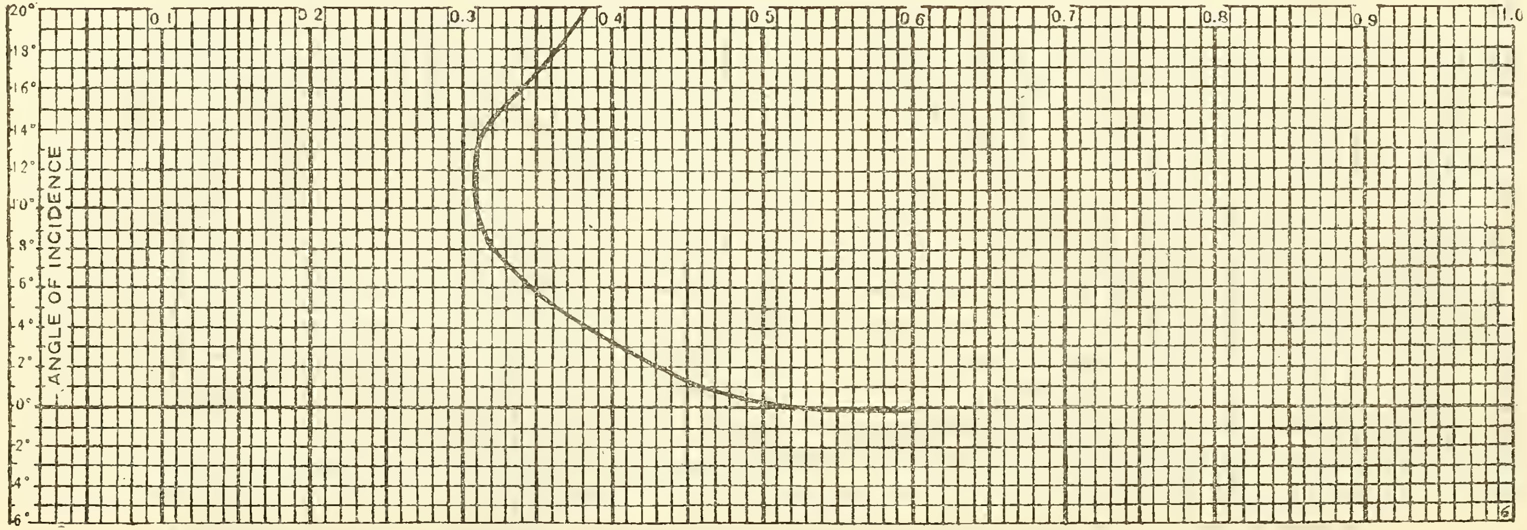


CURVE OF CENTER OF PRESSURE TRAVEL

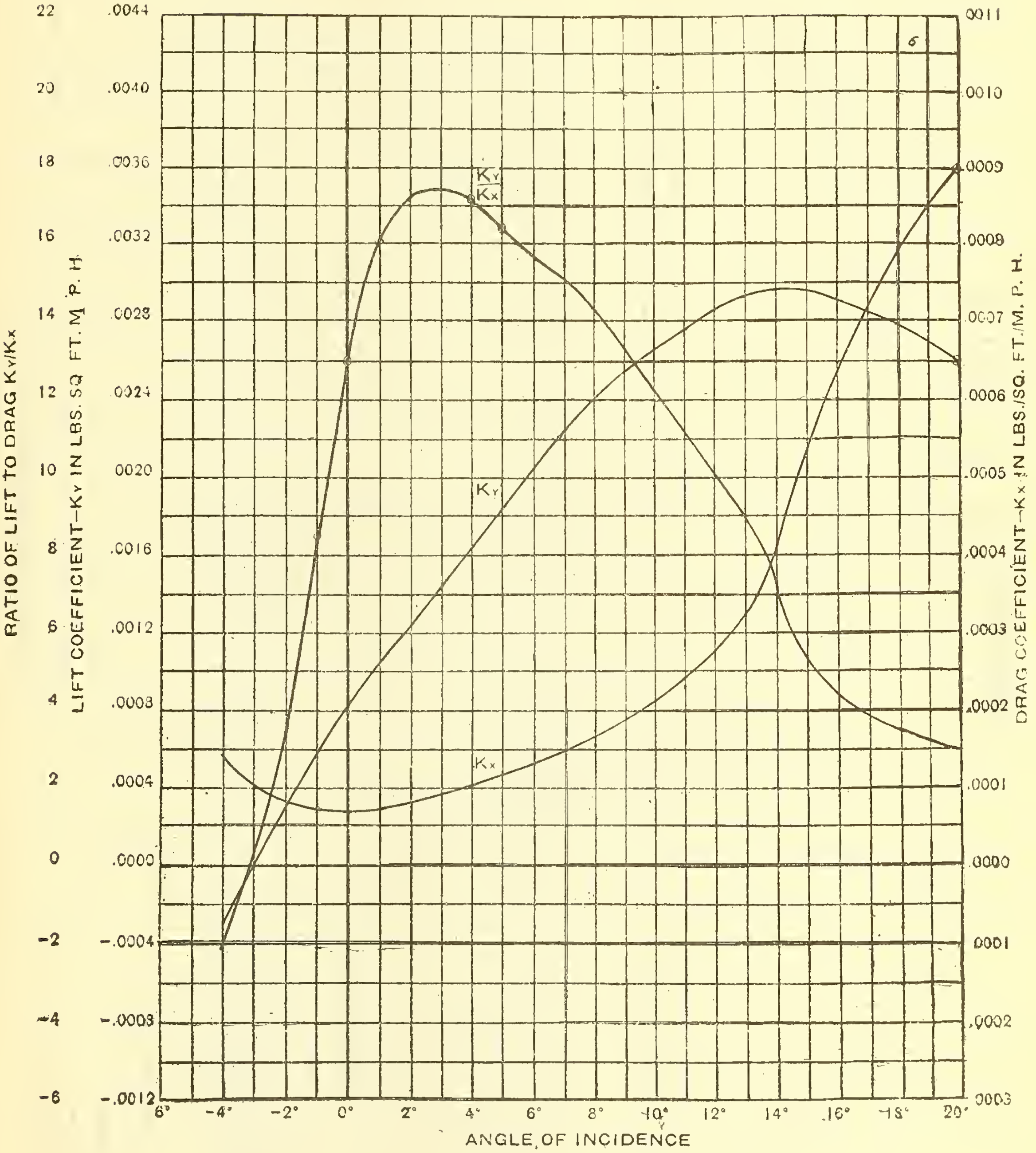


Distance from leading edge	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber	.0072	.0177	.0239	.0349	.0441	.0513	.0690	.0740	.0736	.0685	.0603	.0491	.0352	.0201	....	.0029
Lower camber	.0072	.0008	0	.00086	.0032	.0063	.0197	.0277	.0290	.0252	.0193	.0132	.0072	.0012	0	.0029

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 6.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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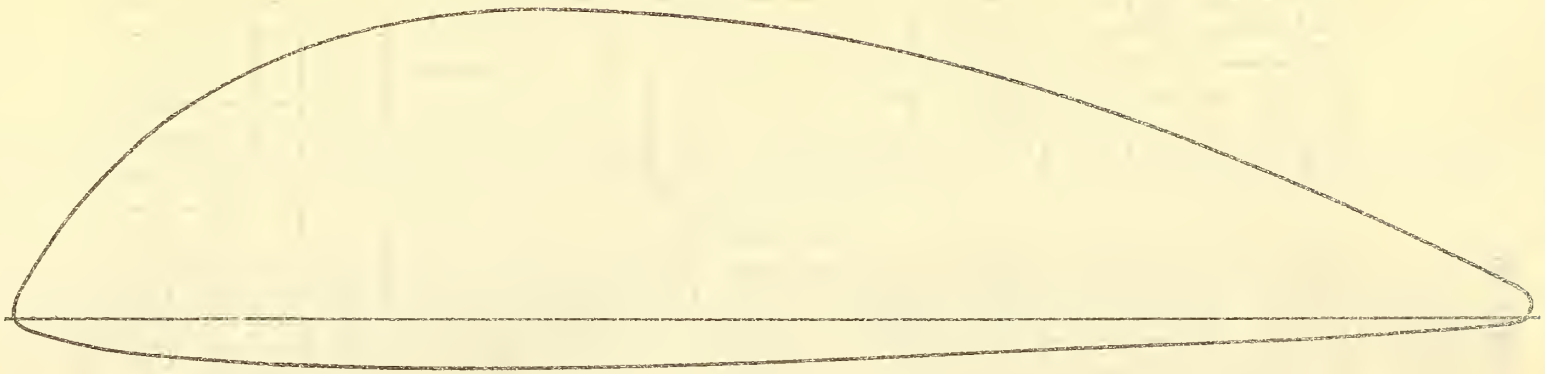
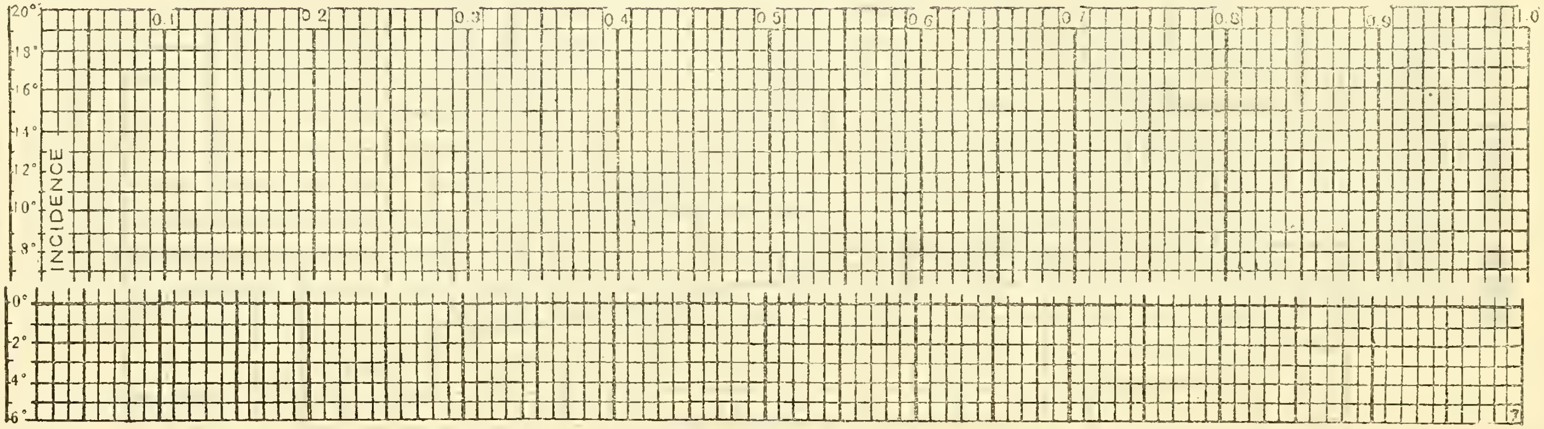


CURVE OF CENTER OF PRESSURE TRAVEL

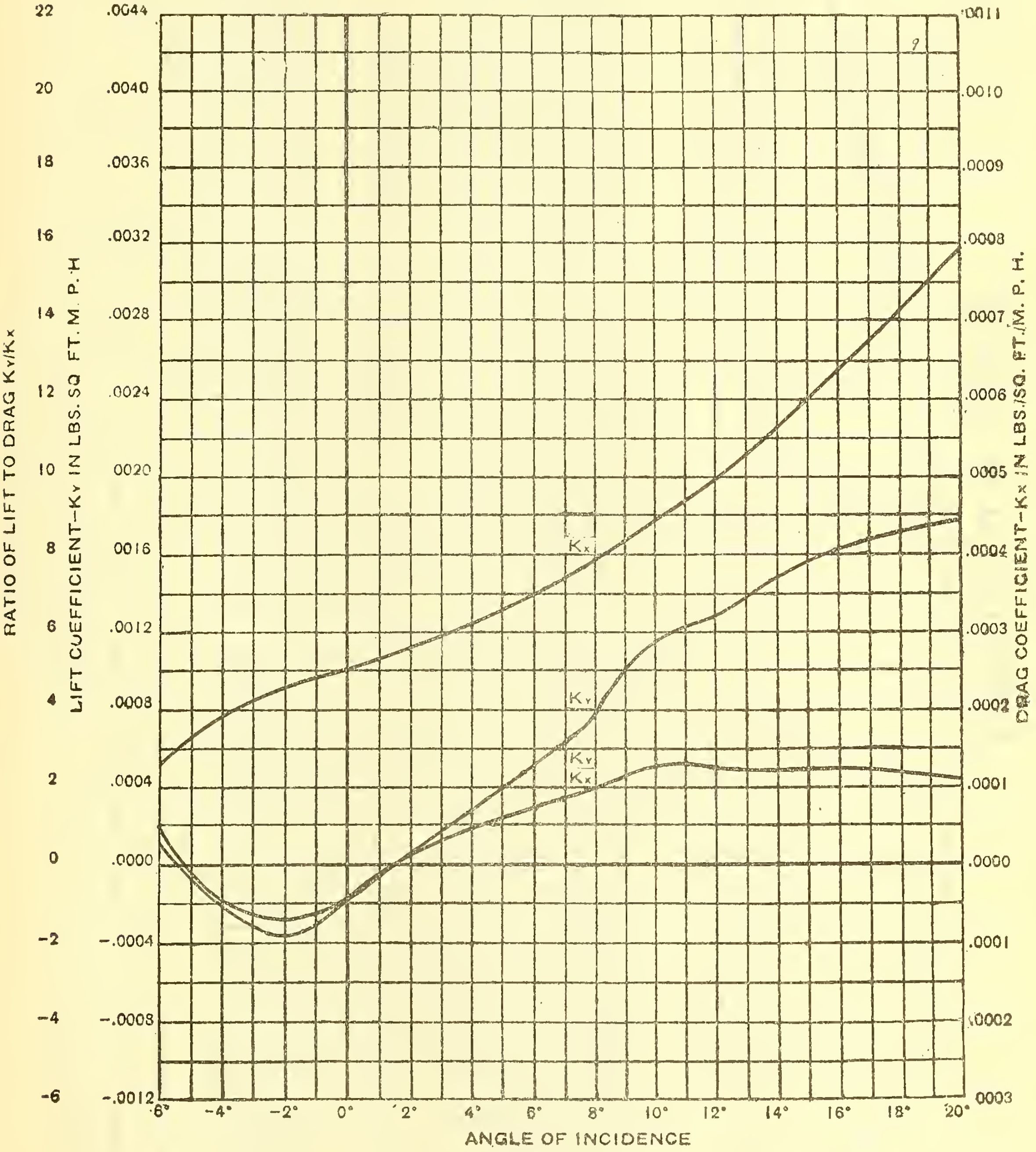


Distance from leading edge........	0	.0125	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber....................	.0125	.0340	.0538	.0870	.1328	.1793	.20	.2050	.1933	.1723	.1437	.1060	.0625	.0150
Lower camber....................	0	−.0107	−.0158	−.0232	−.0313	−.0380	−.0402	−.0387	−.0352	−.0303	−.0250	−.0192	−.0117	0

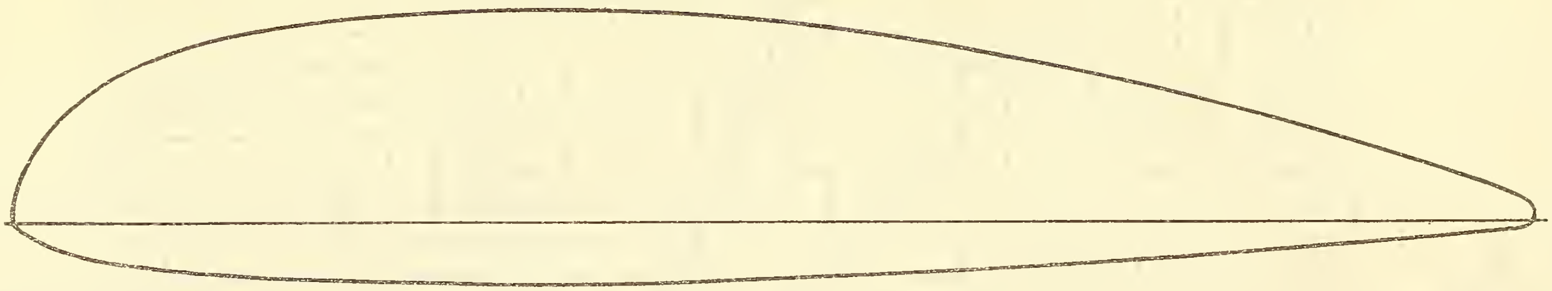
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 7.

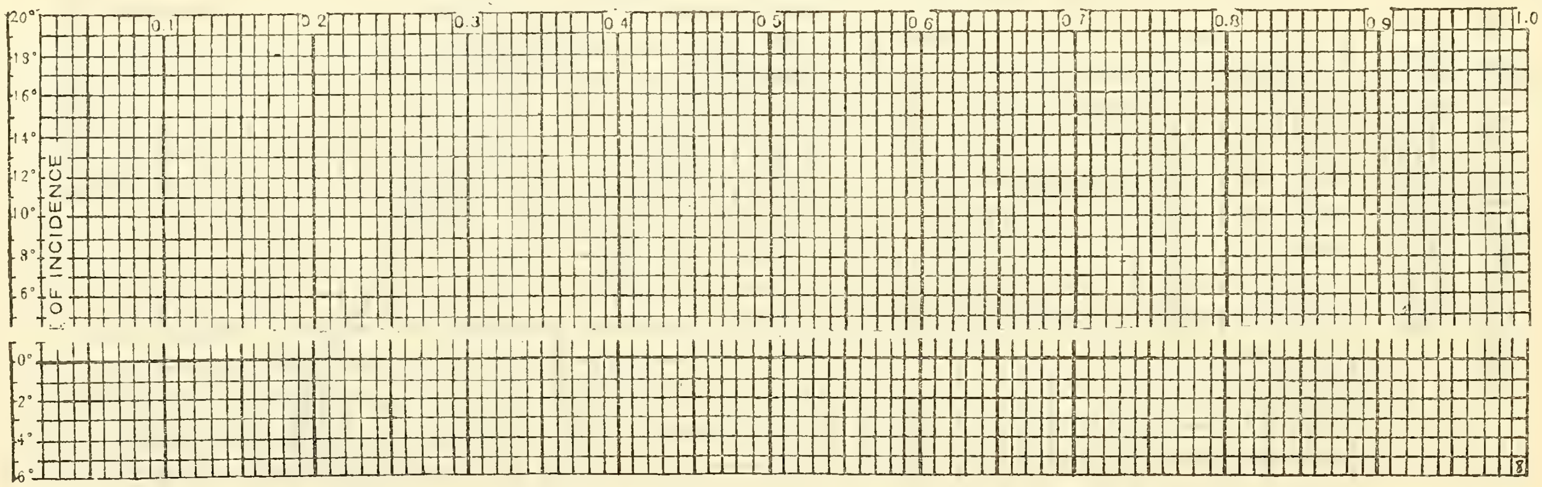
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 8.



CURVE OF CENTER OF PRESSURE TRAVEL

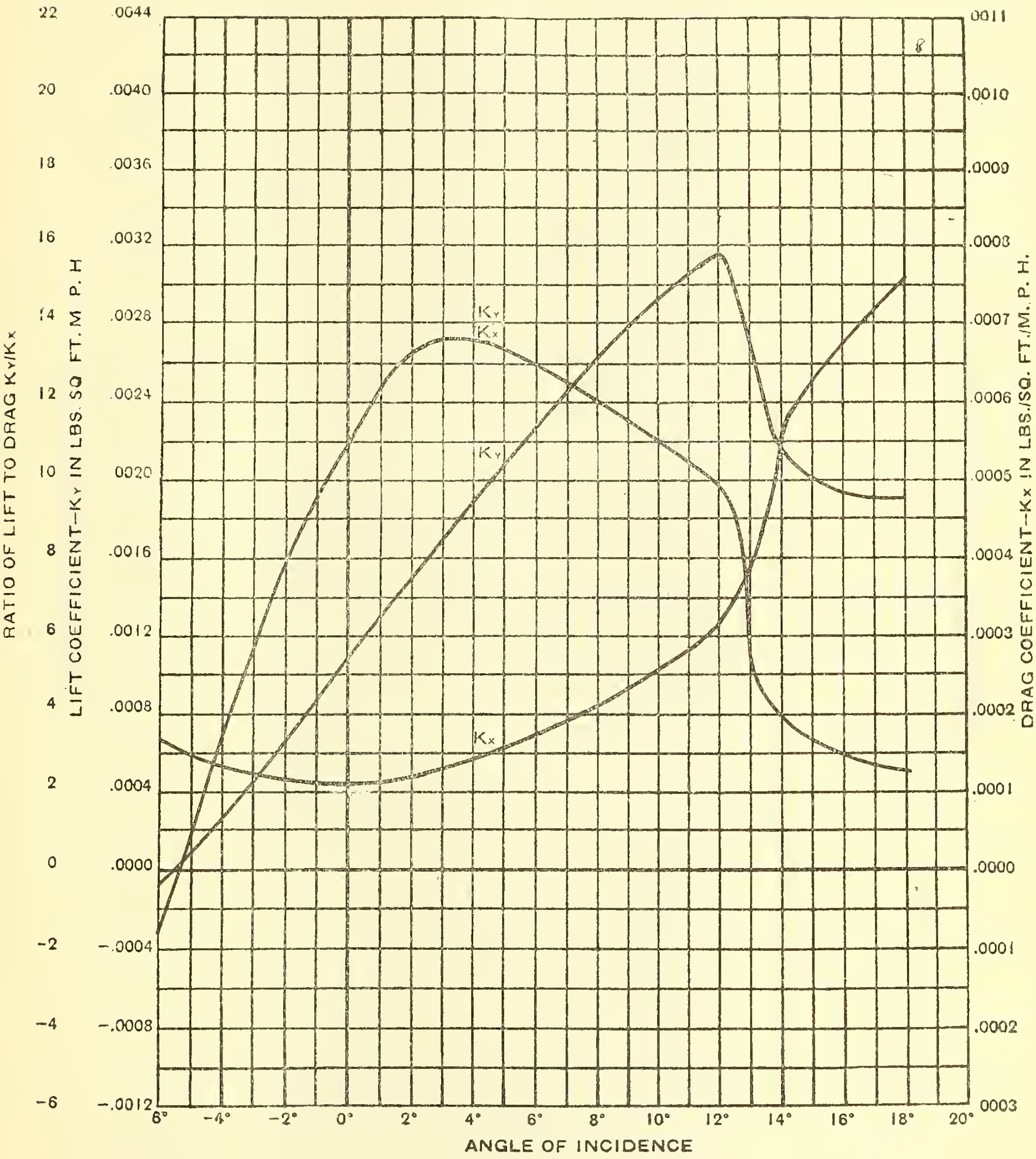


Distance from leading edge	0	.0125	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0125	.0455	.0633	.0873	.1125	.1333	.1393	.1380	.1300	.1163	.0974	.0728	.0450	.0140
Lower camber	0	—.012	—.0175	—.0225	—.031	—.038	—.04	—.04	—.0375	—.0325	—.028	—.02	—.012	0

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 8.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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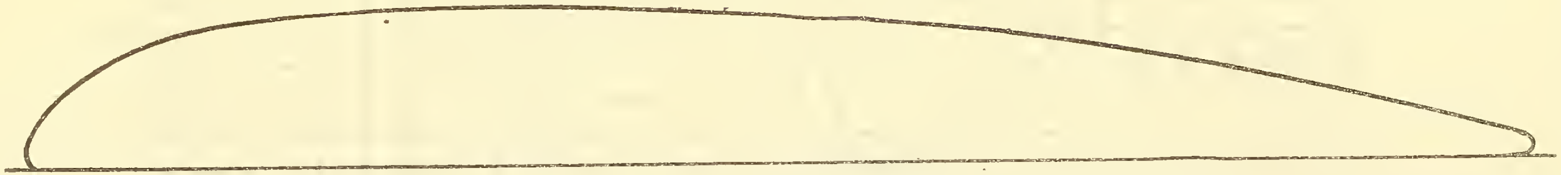
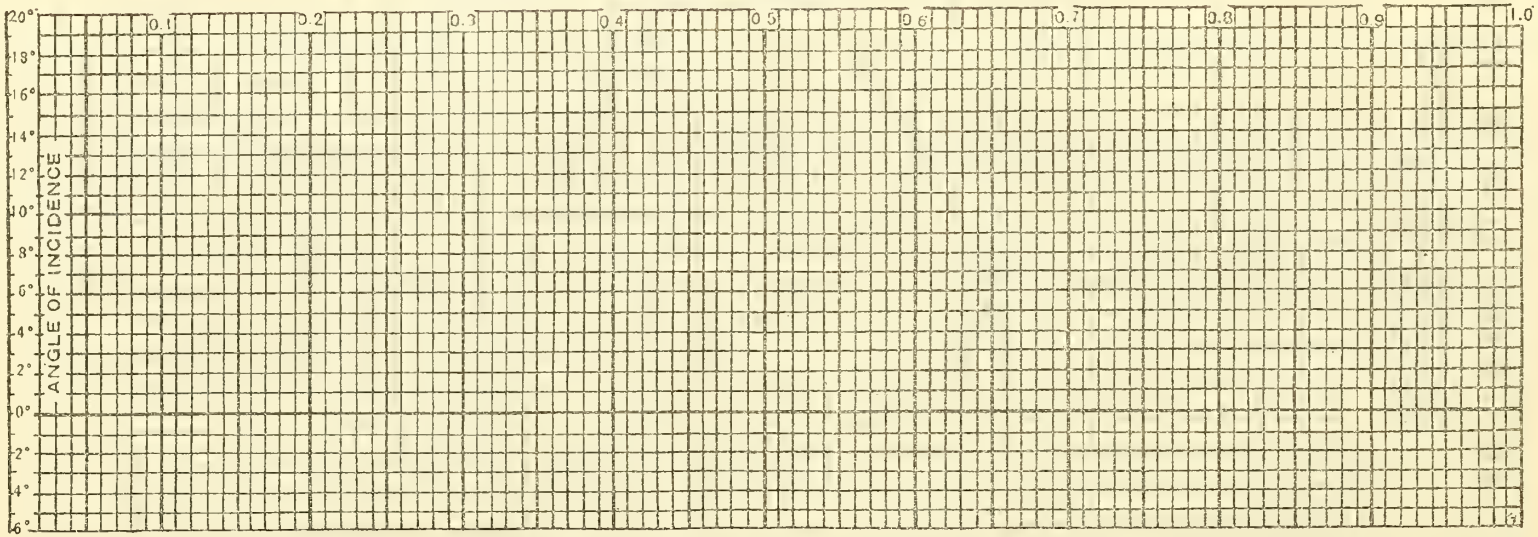


CURVE OF CENTER OF PRESSURE TRAVEL

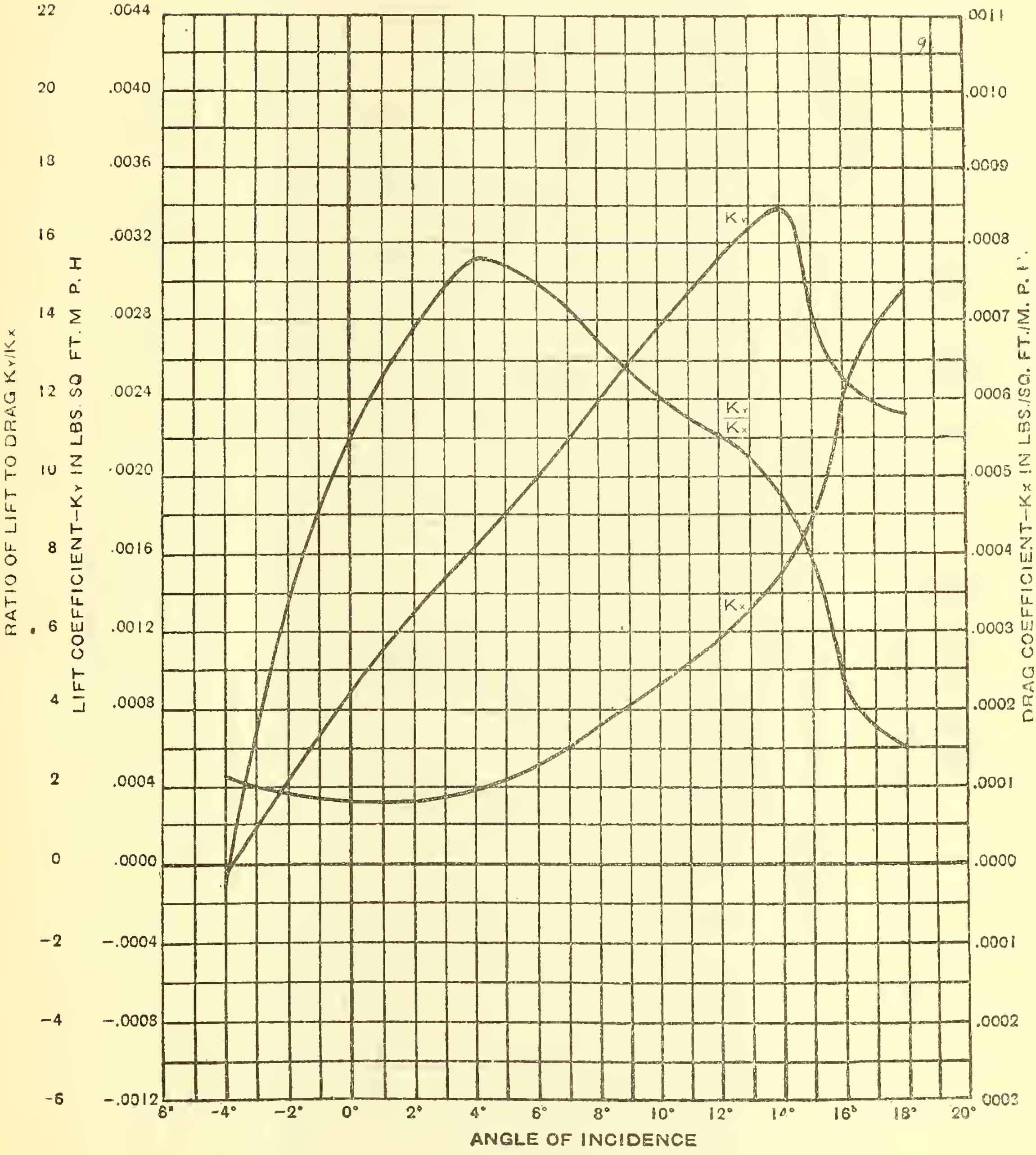


Distance from leading edge	0	.0125	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0125	.0325	.0458	.0635	.0822	.0970	.1007	.10	.0947	.0843	.0712	.0556	.0362	.0150
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0

All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 9.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



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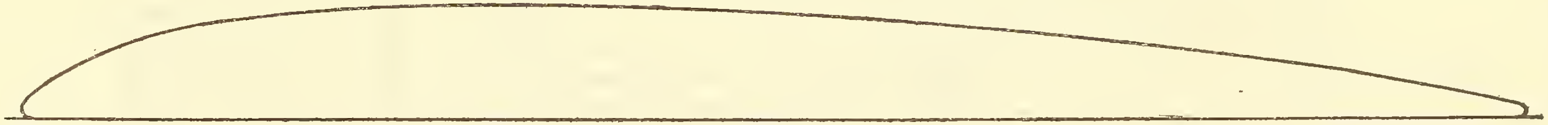
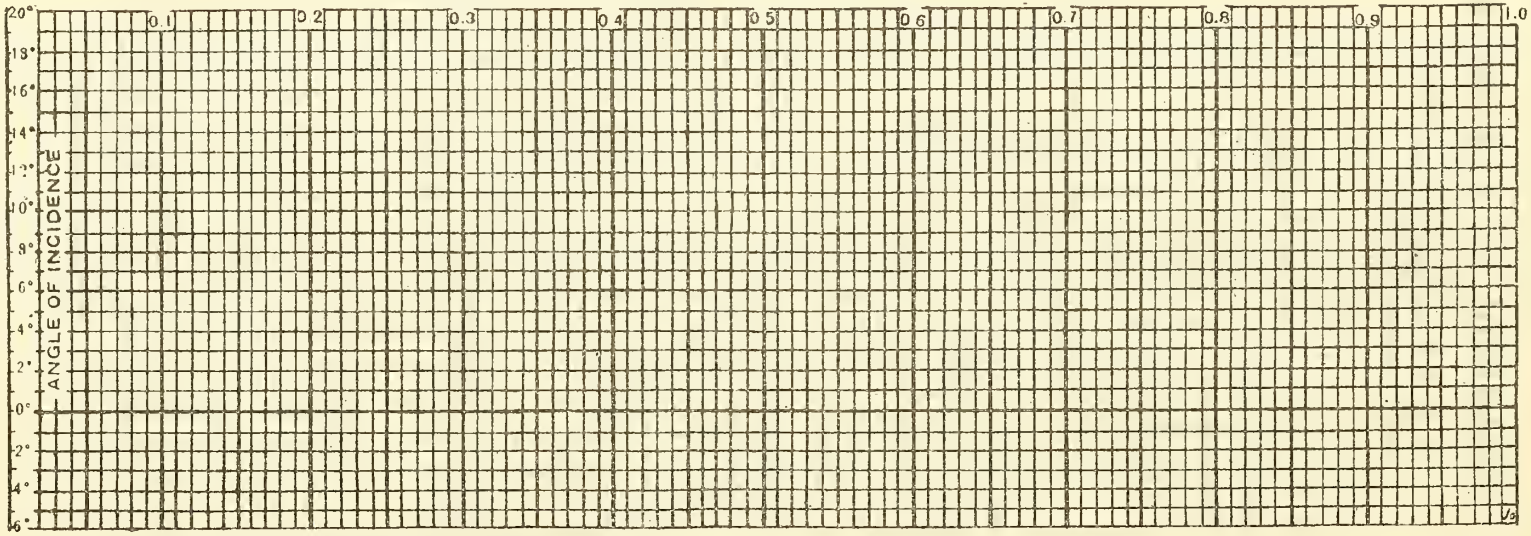


CURVE OF CENTER OF PRESSURE TRAVEL

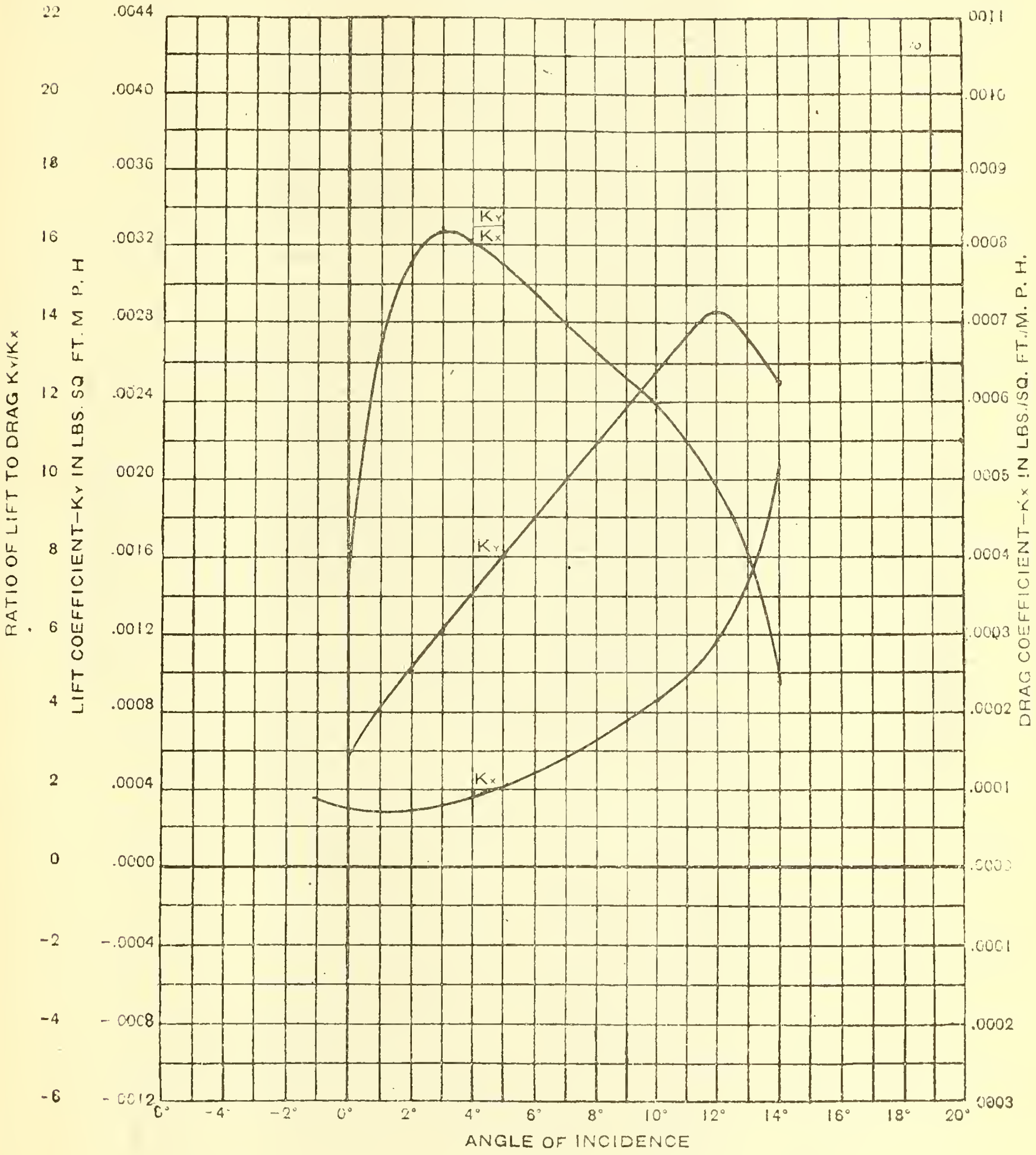


Distance from leading edge	0	.0125	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0125	.0243	.0343	.0450	.0573	.0632	.0727	.0750	.0745	.0710	.0643	.0538	.0420	.0292	.0150
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

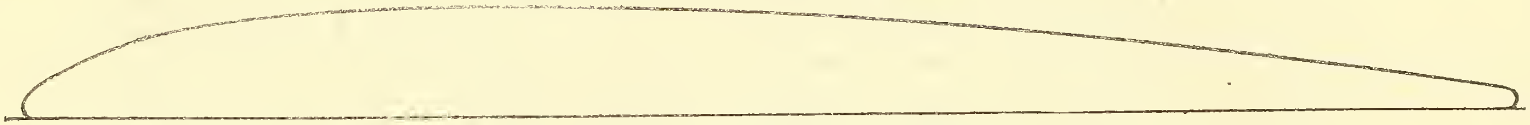
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 10.

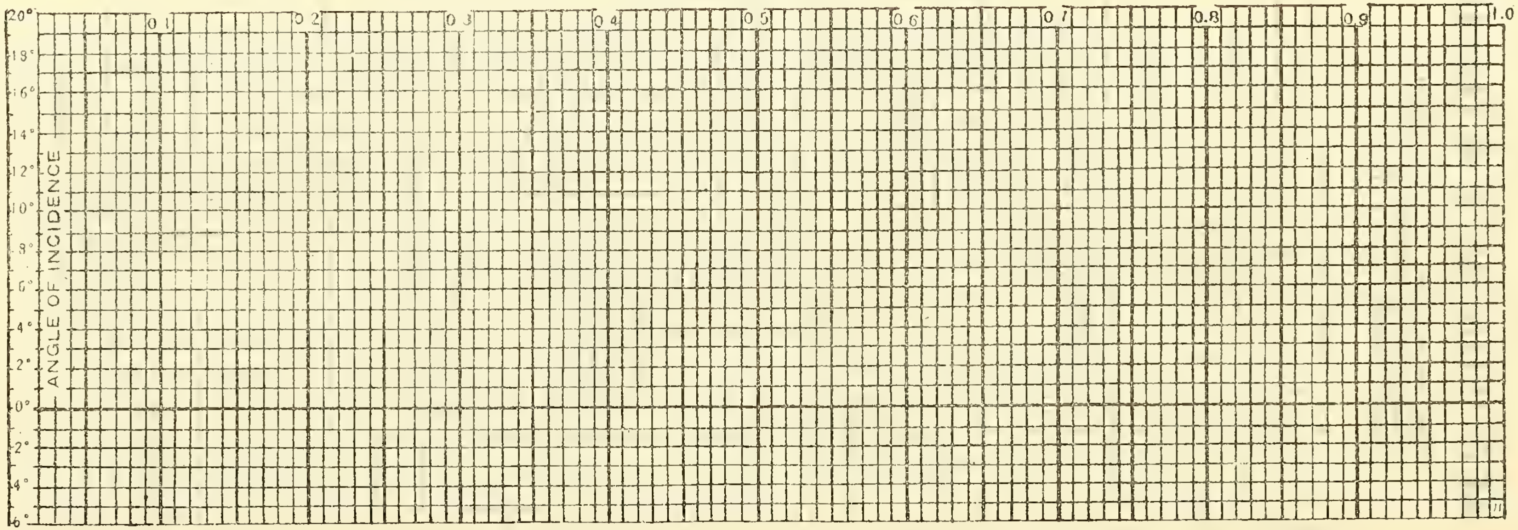
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 11.



CURVE OF CENTER OF PRESSURE TRAVEL

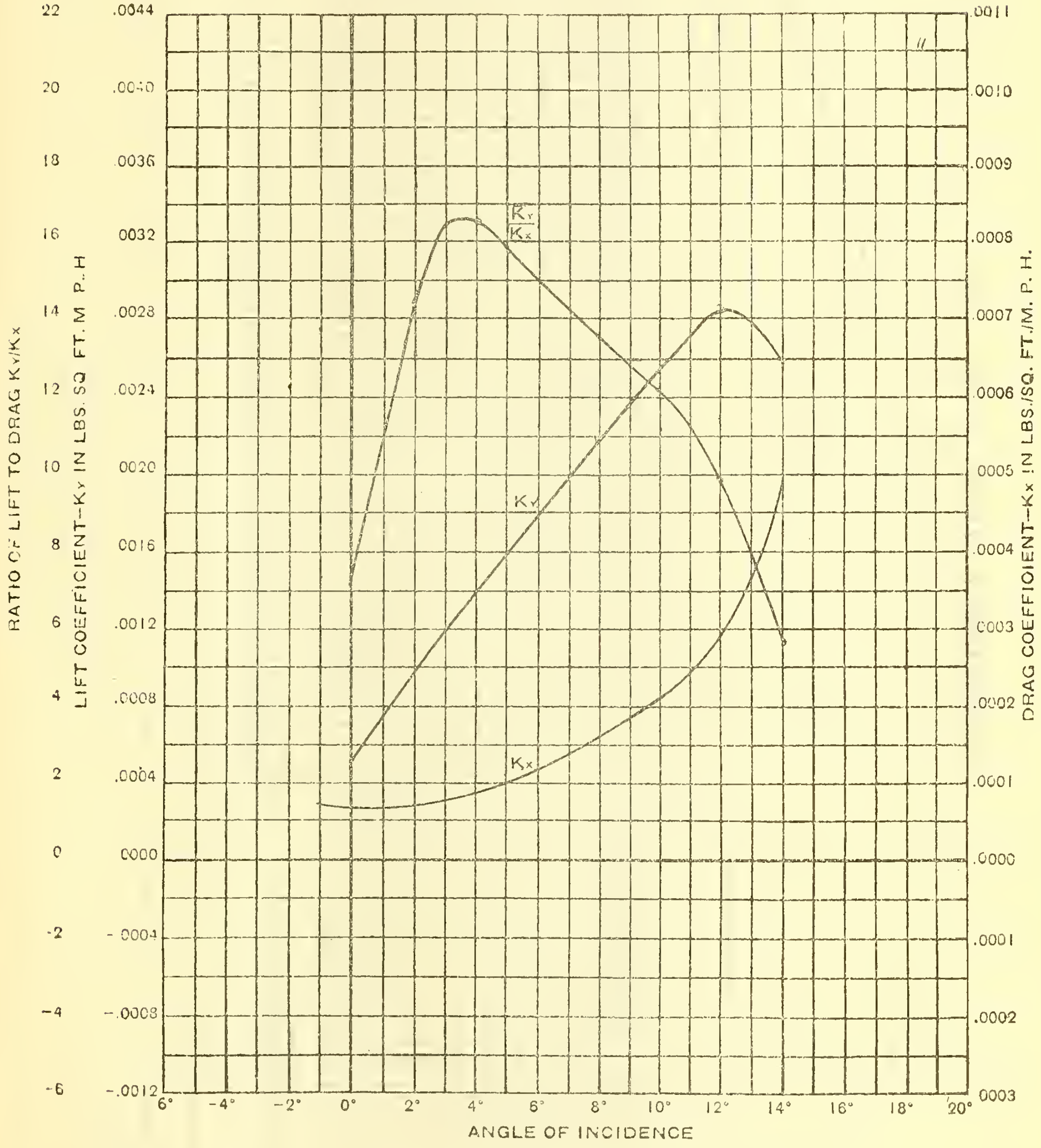


Distance from leading edge.......	0	.0125	.025	.050	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber....................	.0125	.0232	.0321	.0445	.0530	.0585	.0678	.0712	.0705	.0663	.0595	.050	.0392	.0277	.0150
Lower camber....................	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

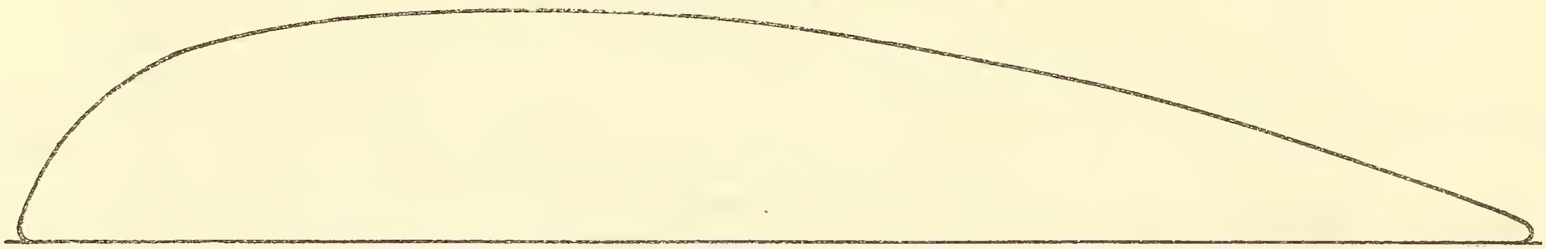
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 11.

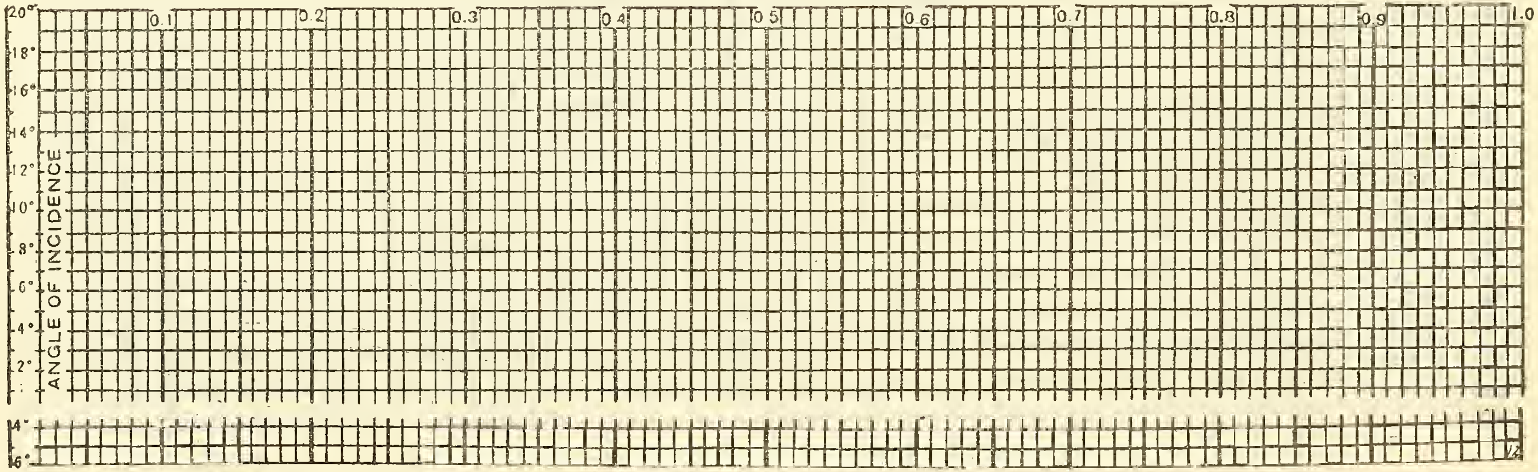
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 12.



CURVE OF CENTER OF PRESSURE TRAVEL

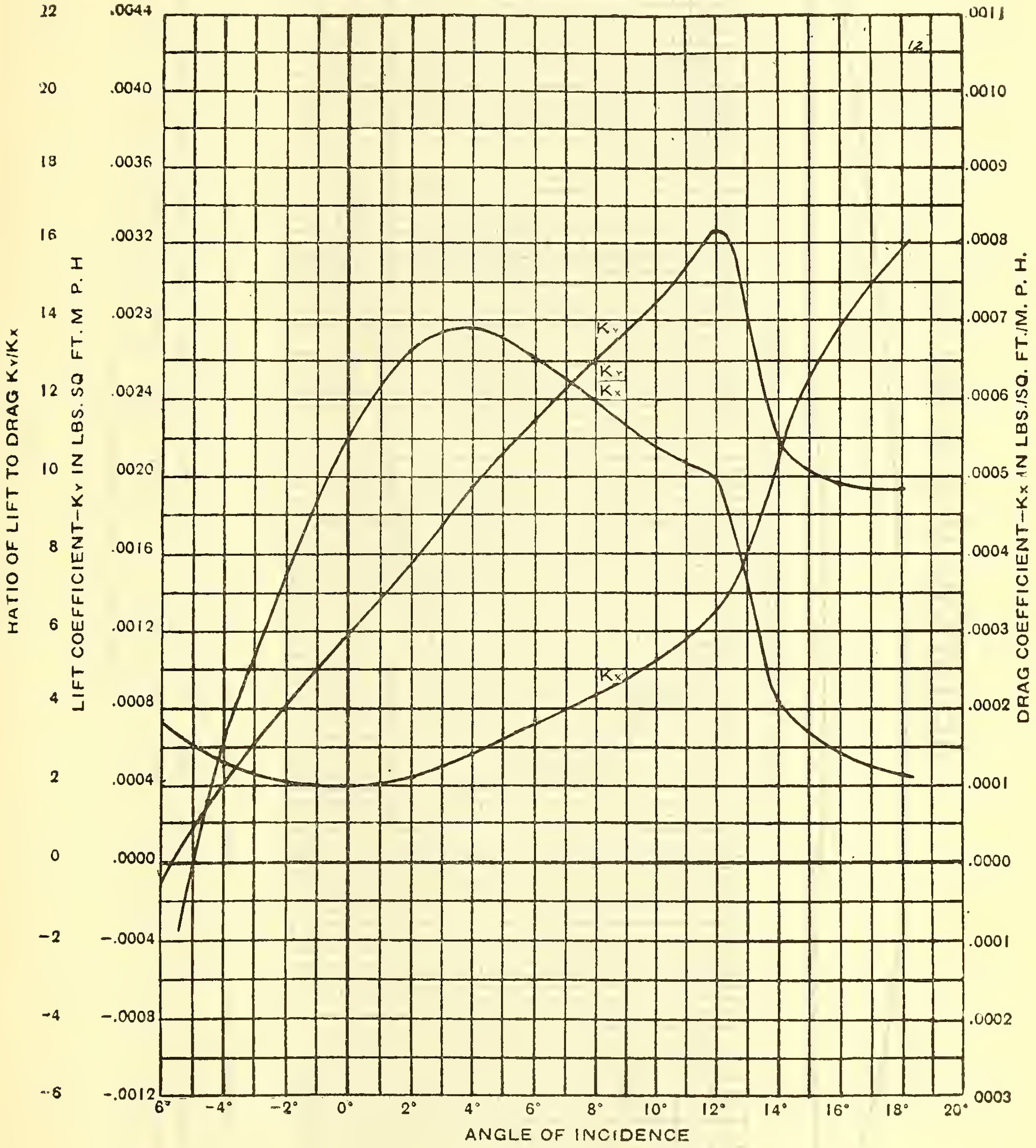


Distance from leading edge........	0	.0125	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber....................	.0125	.0473	.0688	.0934	.1227	.1456	.1559	.1507	.1420	.1271	.1063	.0803	.0497	.015
Lower camber....................	0	0	0	0	0	0	0	0	0	0	0	0	0	0

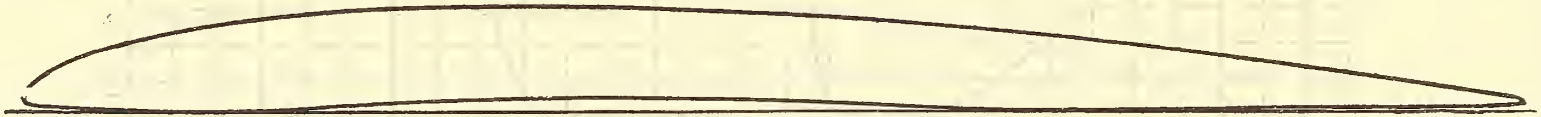
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 12.

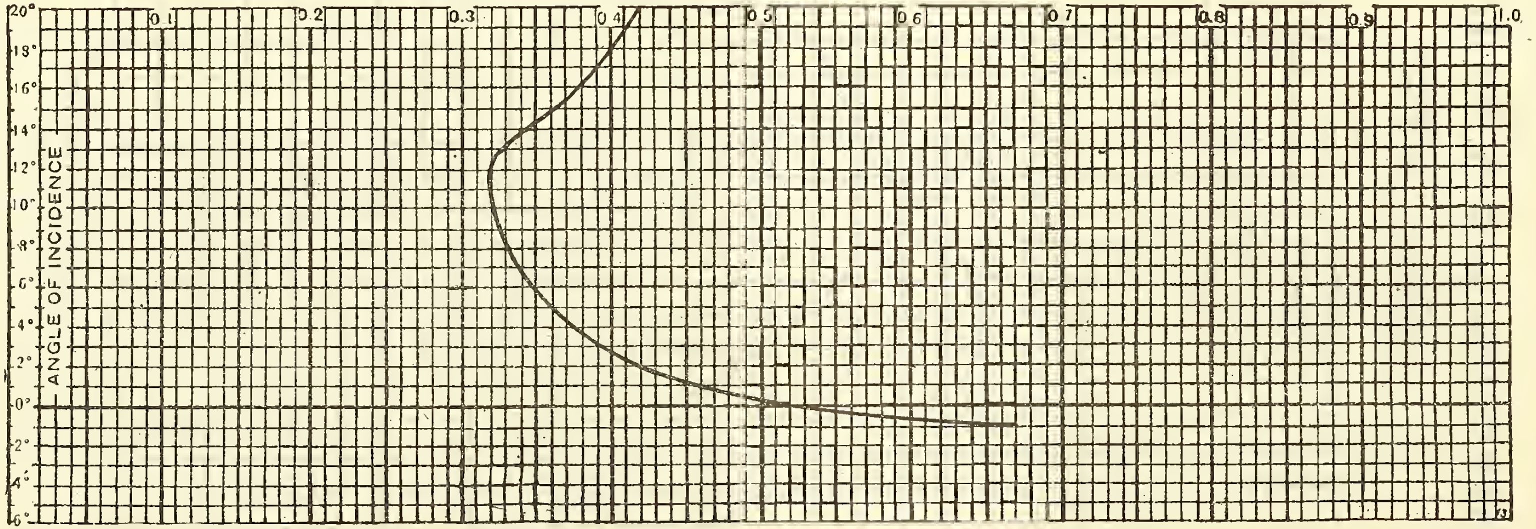
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 14.



CURVE OF CENTER OF PRESSURE TRAVEL

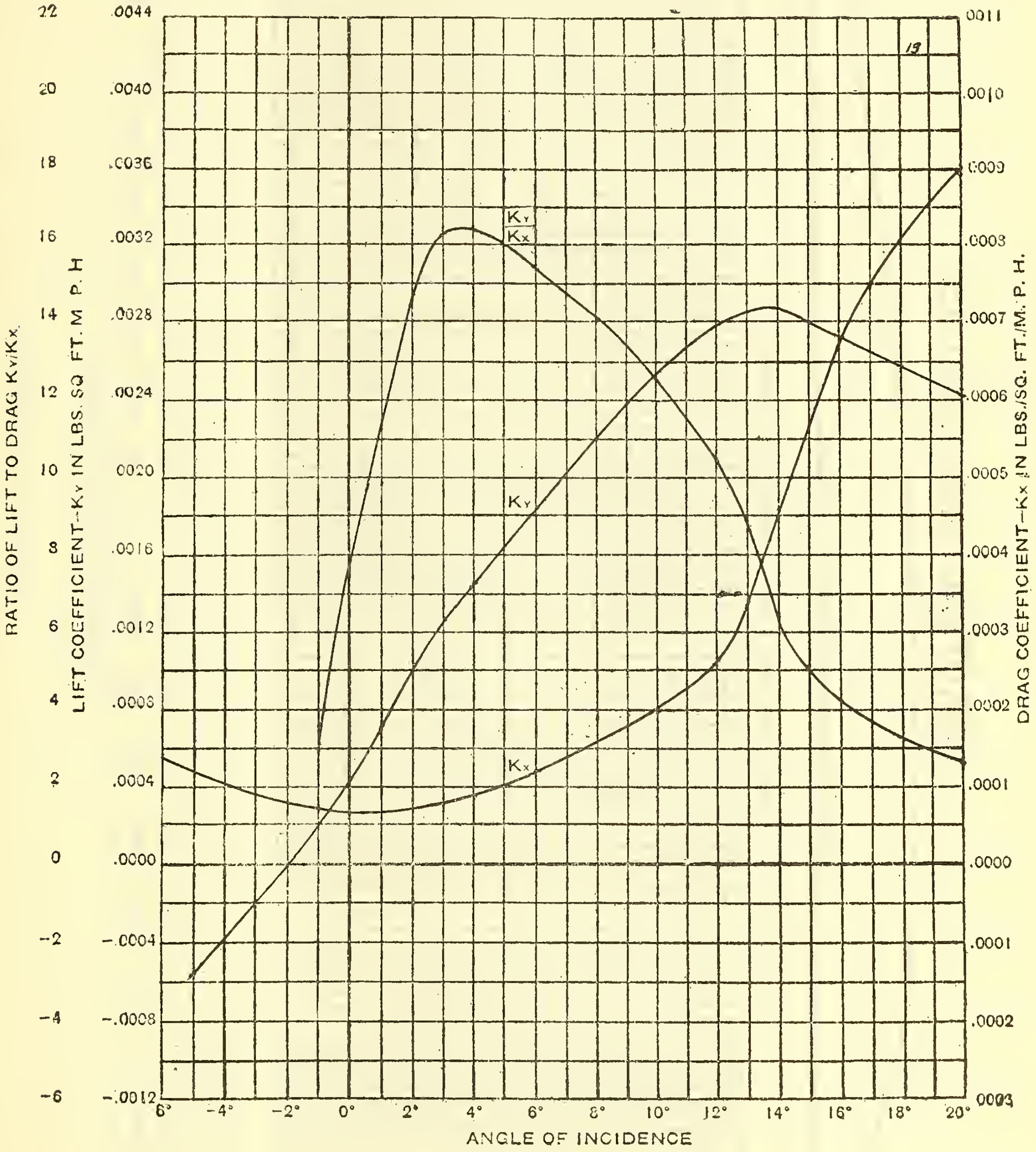


Distance from leading edge	0	.0125	.025	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0125	.02277	.03100	.0425	.0497	.05417	.06050	.06567	.06850	.06867	.0660	.05967	.05017	.0385	.02433	.00833
Lower camber	.00633	.00467	.00339	.0015	.00033	0	.00117	.00333	.00867	.010	.00717	.00277	0	.0011	.00233	.0050

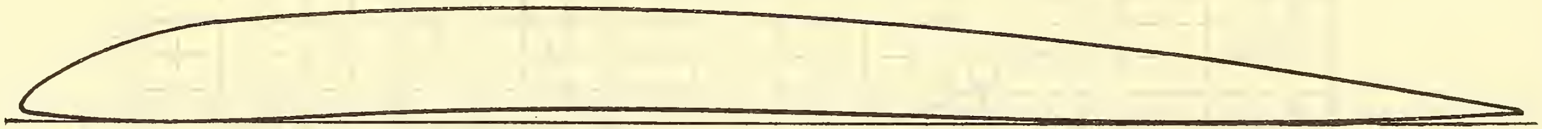
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 14.

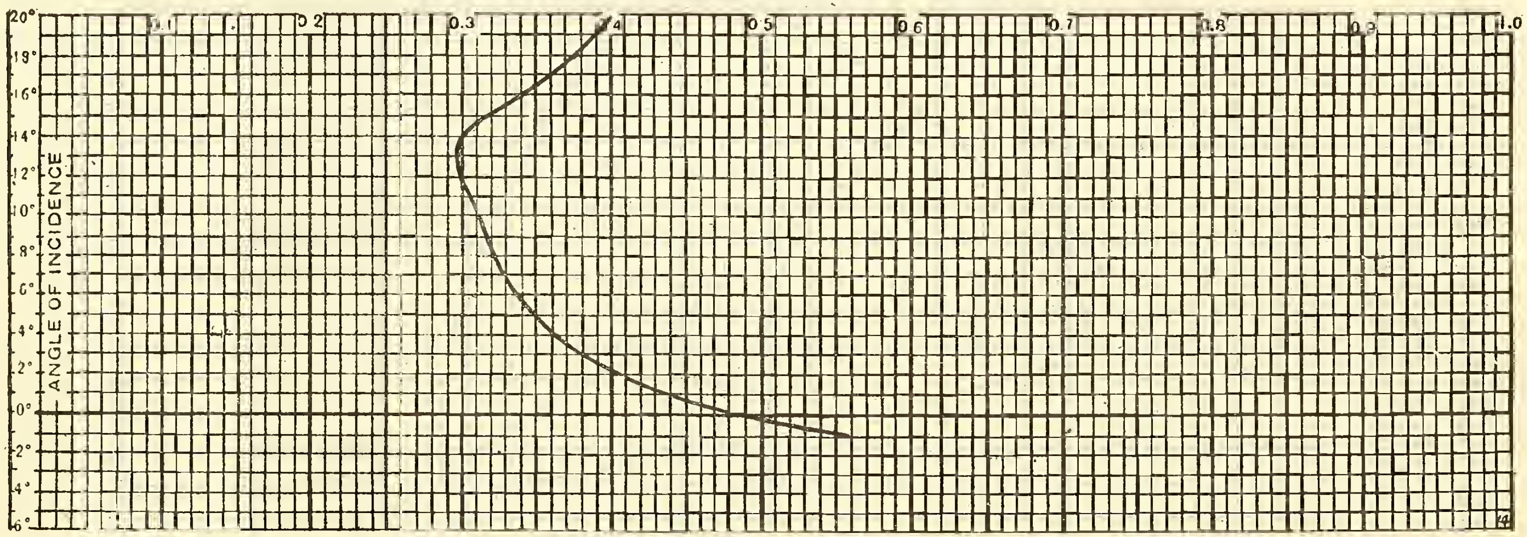
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 15.



CURVE OF CENTER OF PRESSURE TRAVEL

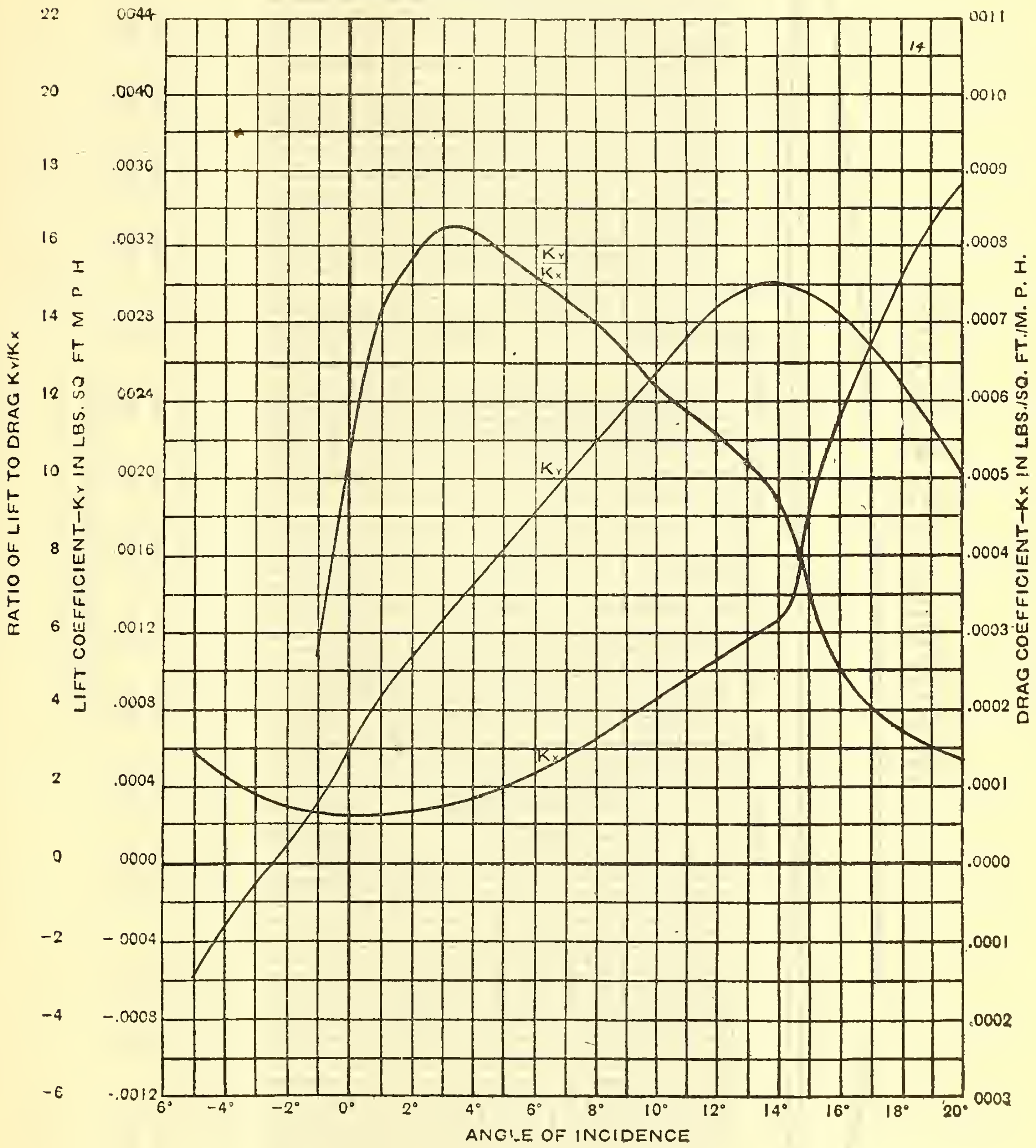


Distance from leading edge	0	.0125	.025	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0122	.0250	.0344	.0480	.0558	.0611	.0688	.0728	.0761	.0755	.0711	.0636	.0532	.0390	.0250	.0083
Lower camber	.0063	.0046	.0033	.0015	.0003	0	.0012	.0033	.0086	.0100	.0012	.0028	0	.0011	.0023	.0050

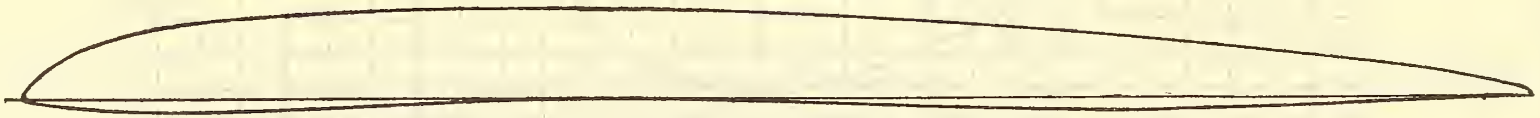
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 15.

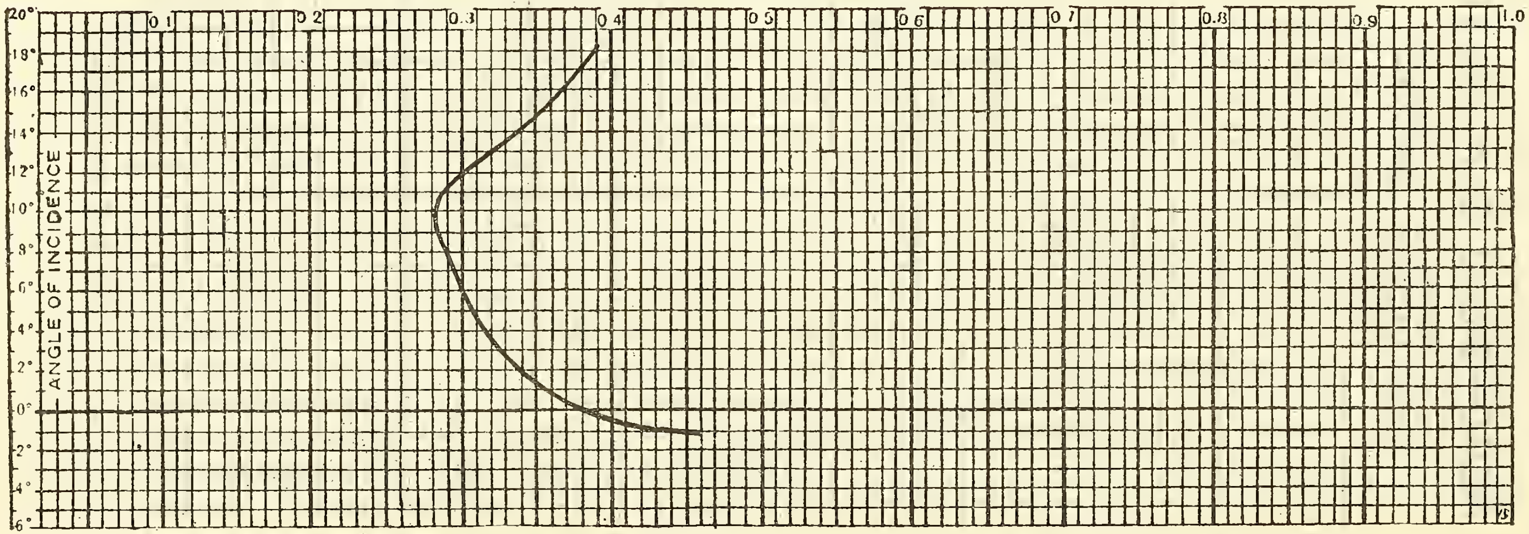
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 16.



CURVE OF CENTER OF PRESSURE TRAVEL

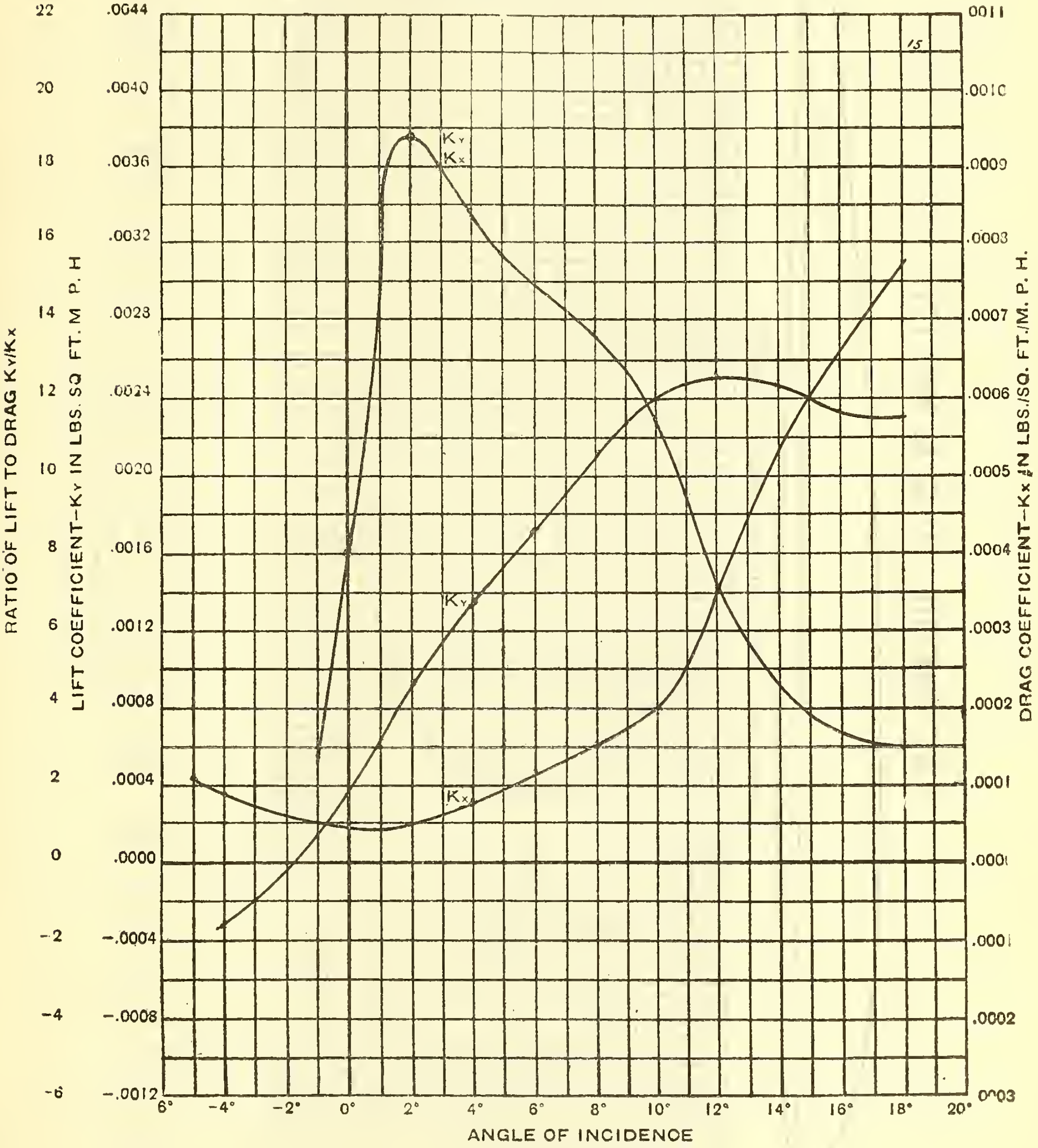


Distance from leading edge	0	.025	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0299	.0388	.0452	.0495	.0542	.0667	.0586	.0574	.0529	.0465	.0401	.0325	.0223	0
Lower camber	0	.0064	.0076	.0083	.0088	.0076	.0051	.0006	0	.0019	.0070	.0076	.0070	.00446	0

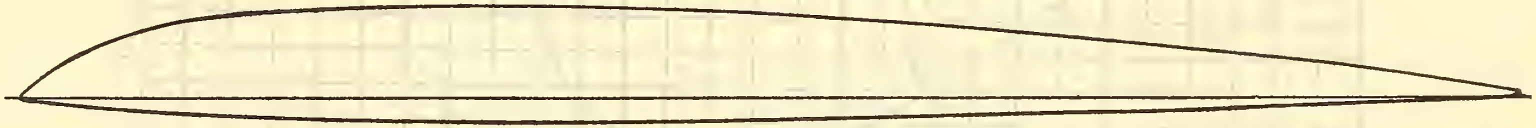
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 16.

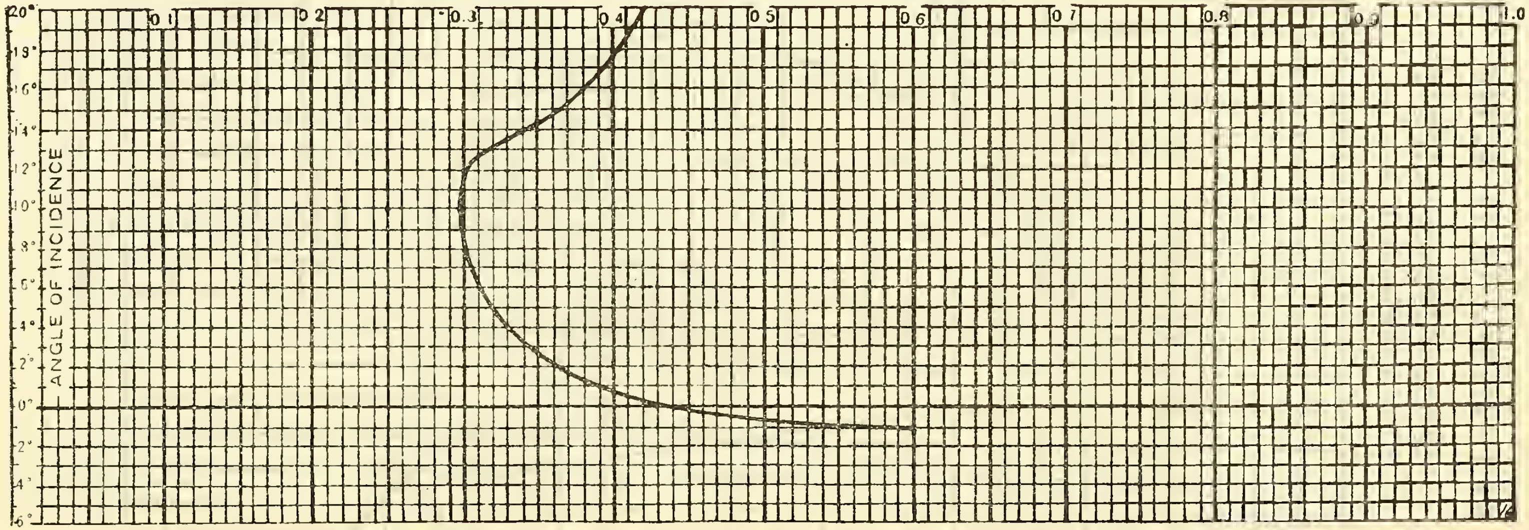
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 17.



CURVE OF CENTER OF PRESSURE TRAVEL

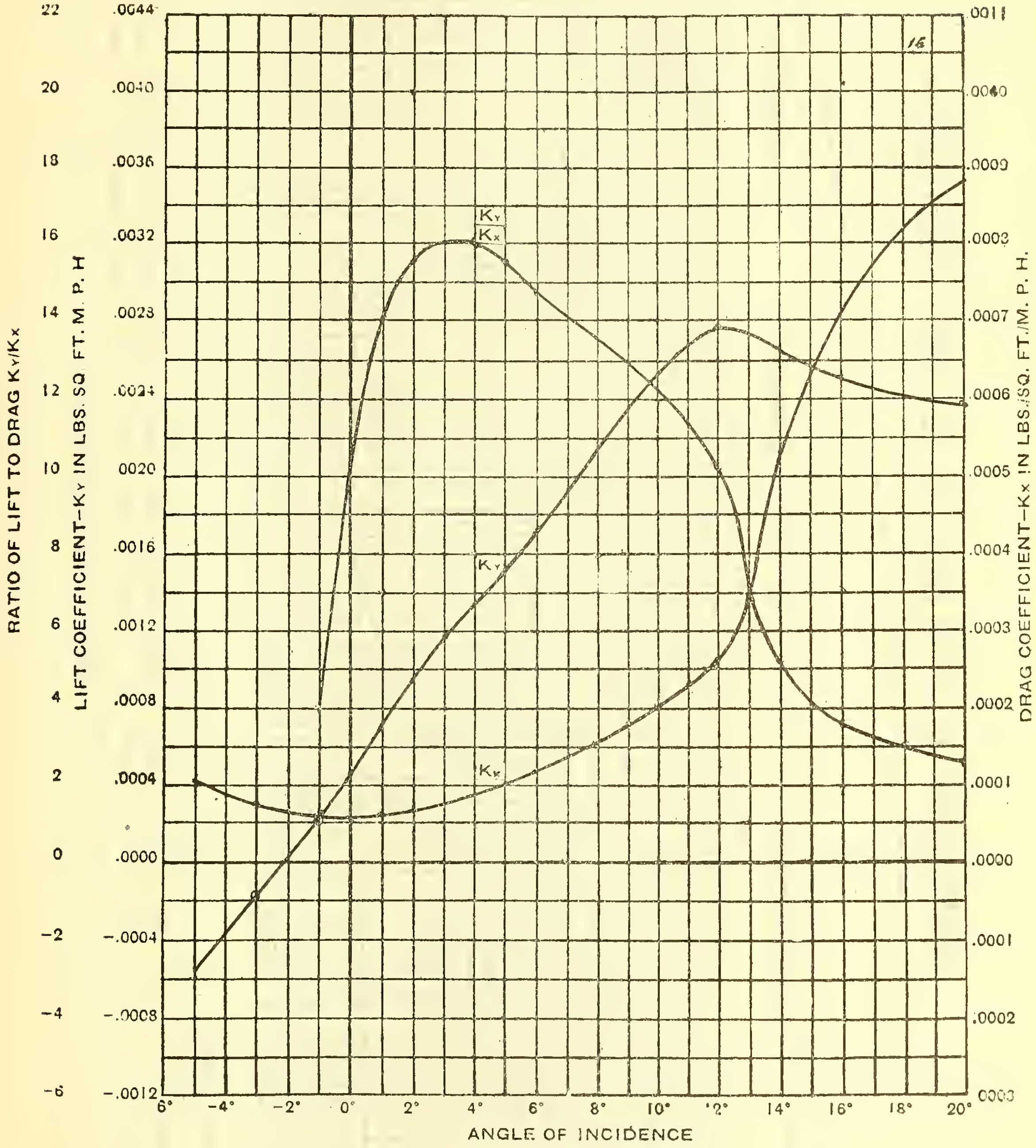


Distance form leading edge	0	.025	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0255	.0370	.0446	.0490	.0542	.0567	.0580	.0560	.0523	.0465	.0401	.0306	.0197	0
Lower camber	0	–.0064	–.0070	–.0076	–.0083	–.0096	–.0102	–.0108	–.0115	–.0109	–.0102	–.0089	–.0076	–.0057	0

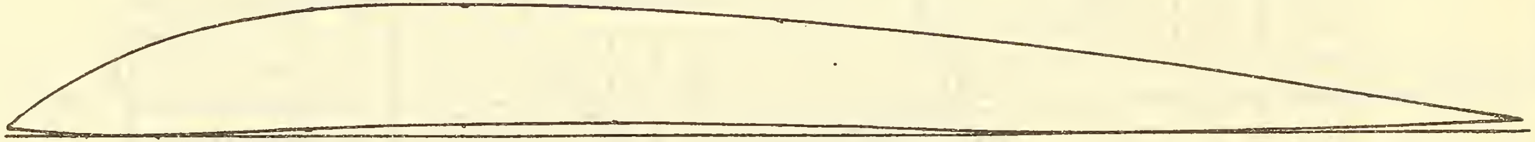
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 17.

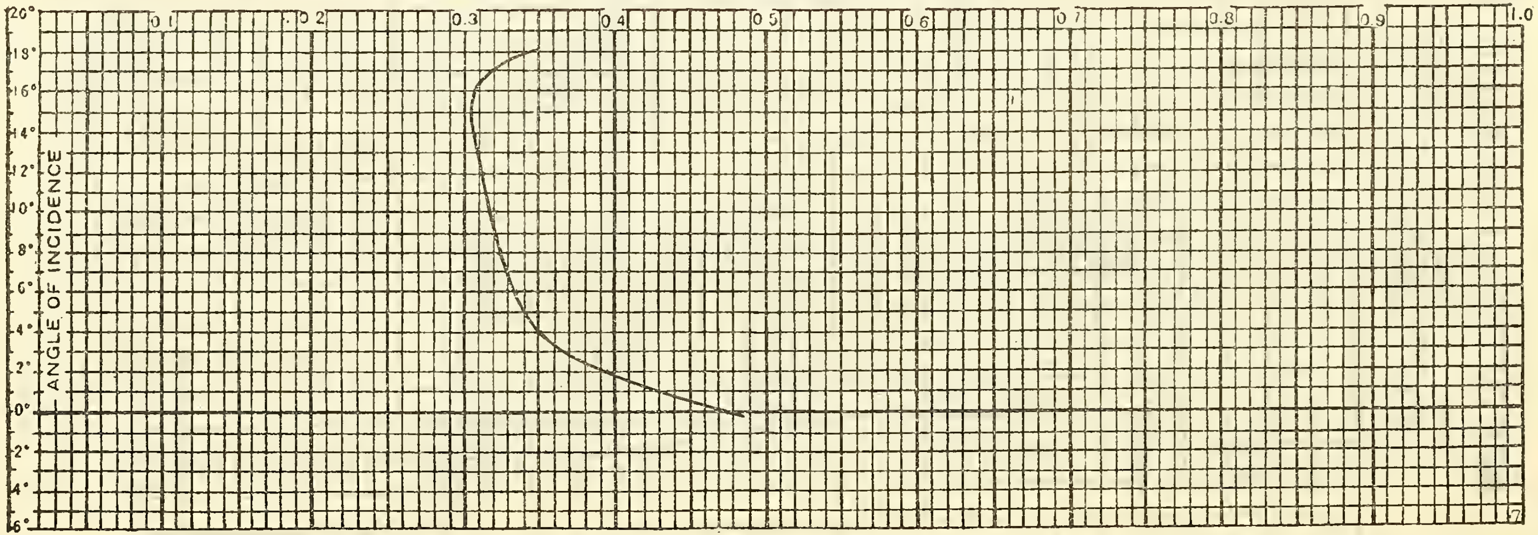
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. No. 18. (CLARK SECTION.)



CURVE OF CENTER OF PRESSURE TRAVEL

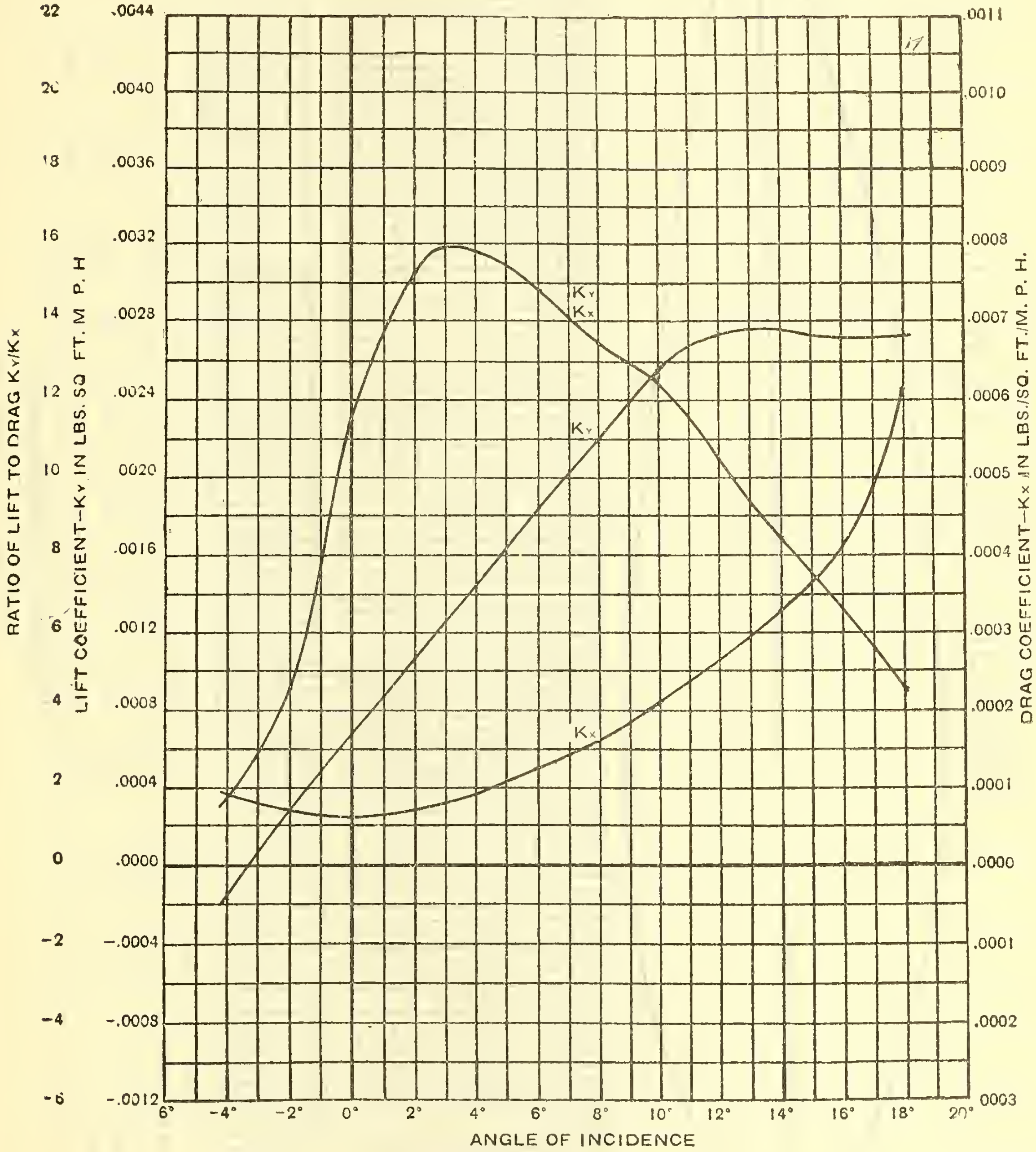


Distance from leading edge	0	.025	.05	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.00107	.0298	.0438	.0638	.0760	.0837	.0880	.085	.0785	.0688	.0562	.0412	.0248	.00074
Lower camber	.00107	.00339	.00150	0	.00117	.0033	.00867	.01	.00717	.00277	0	.00110	.0023	.00074

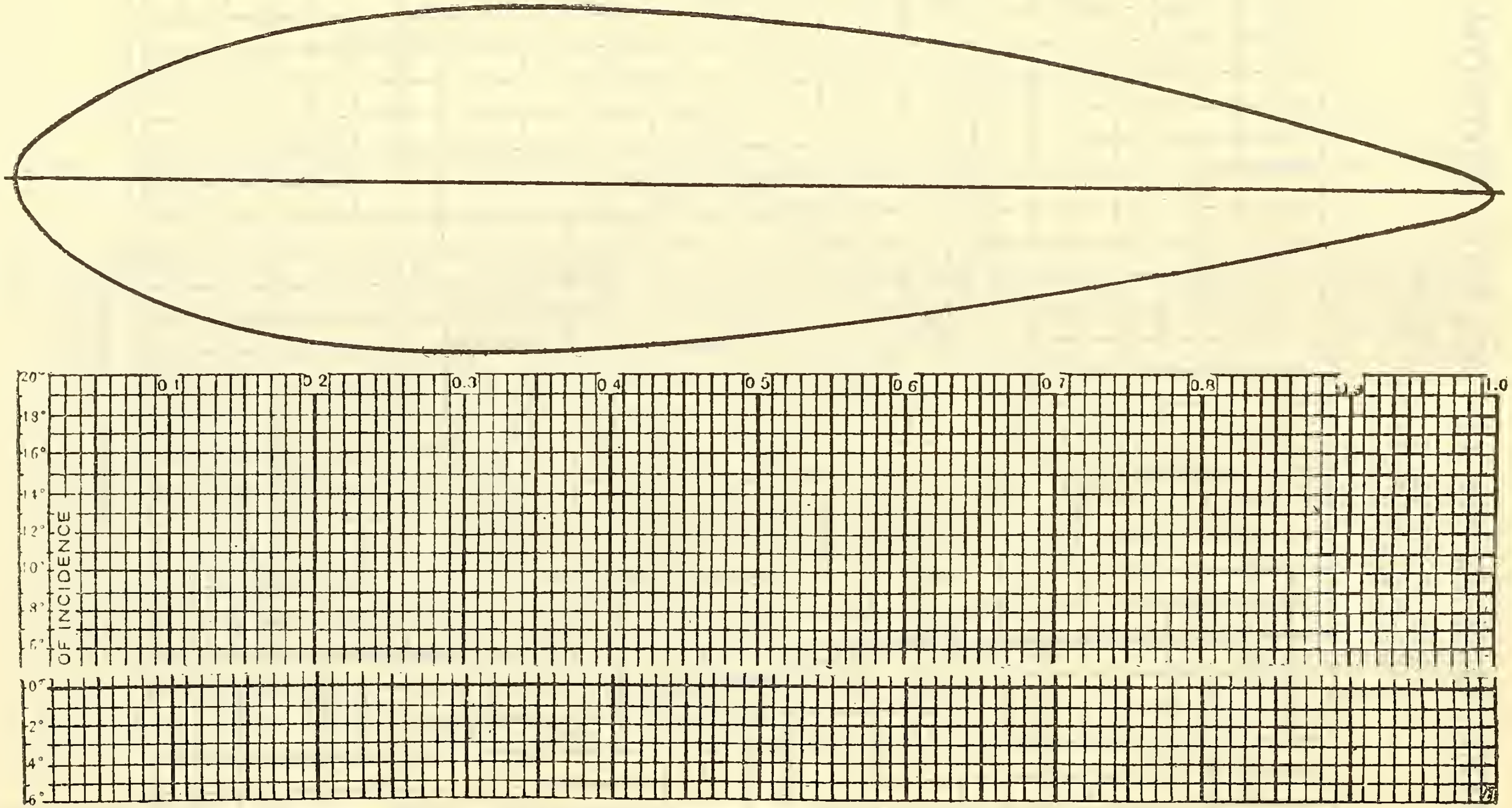
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. No. 18. (CLARK SECTION.)

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 1.

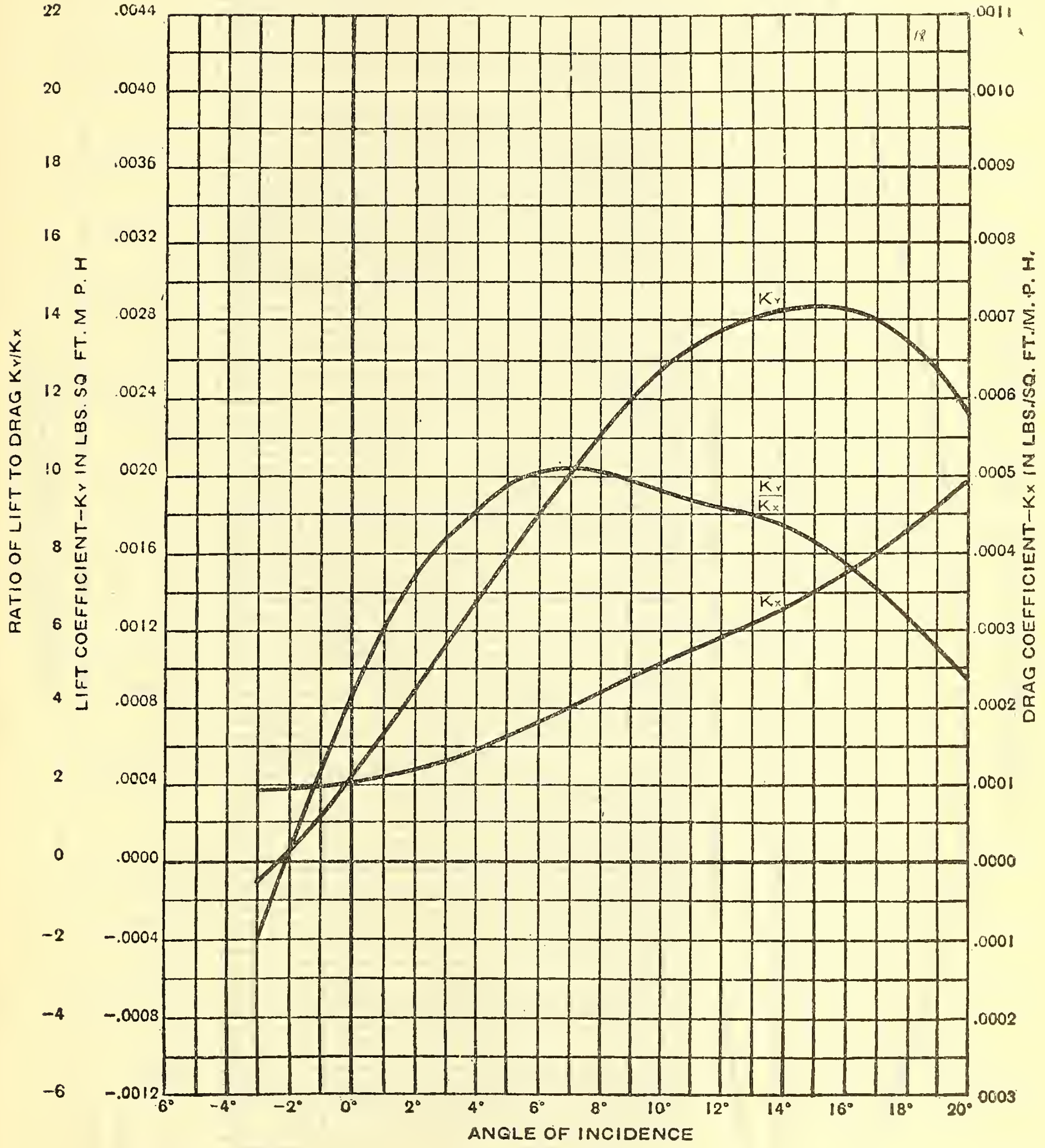


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.065	.09	.123	.136	.1375	.1296	.1133	.092	.0675	.04	0
Lower camber	.01	−.05	−.076	−.10	−.1078	−.104	−.096	−.085	−.07	−.0525	−.03	0

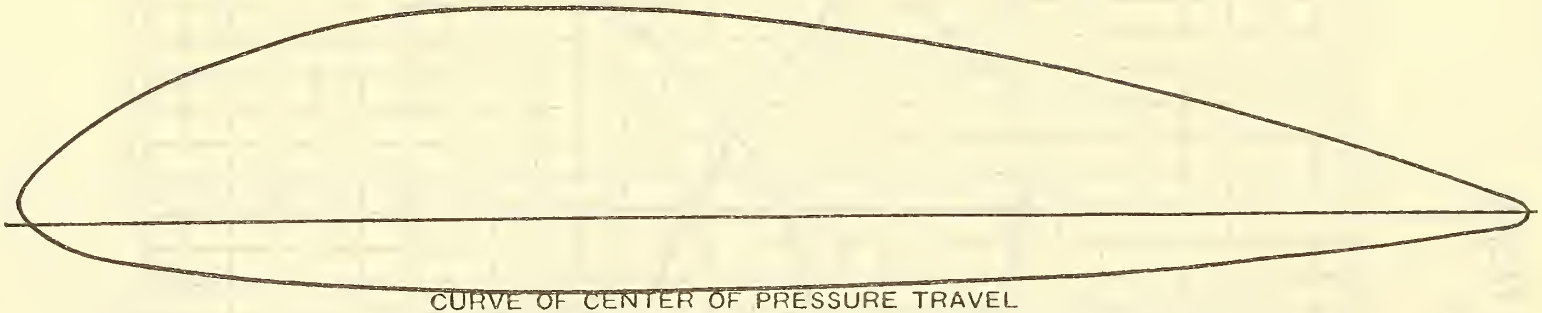
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 1.

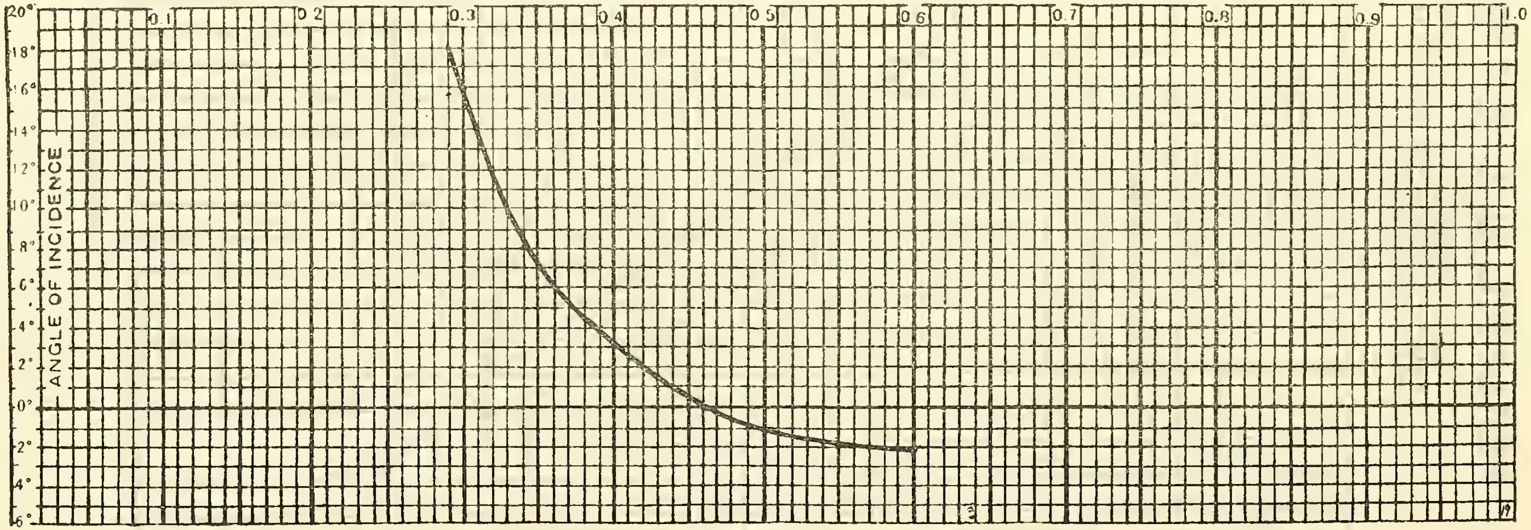
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

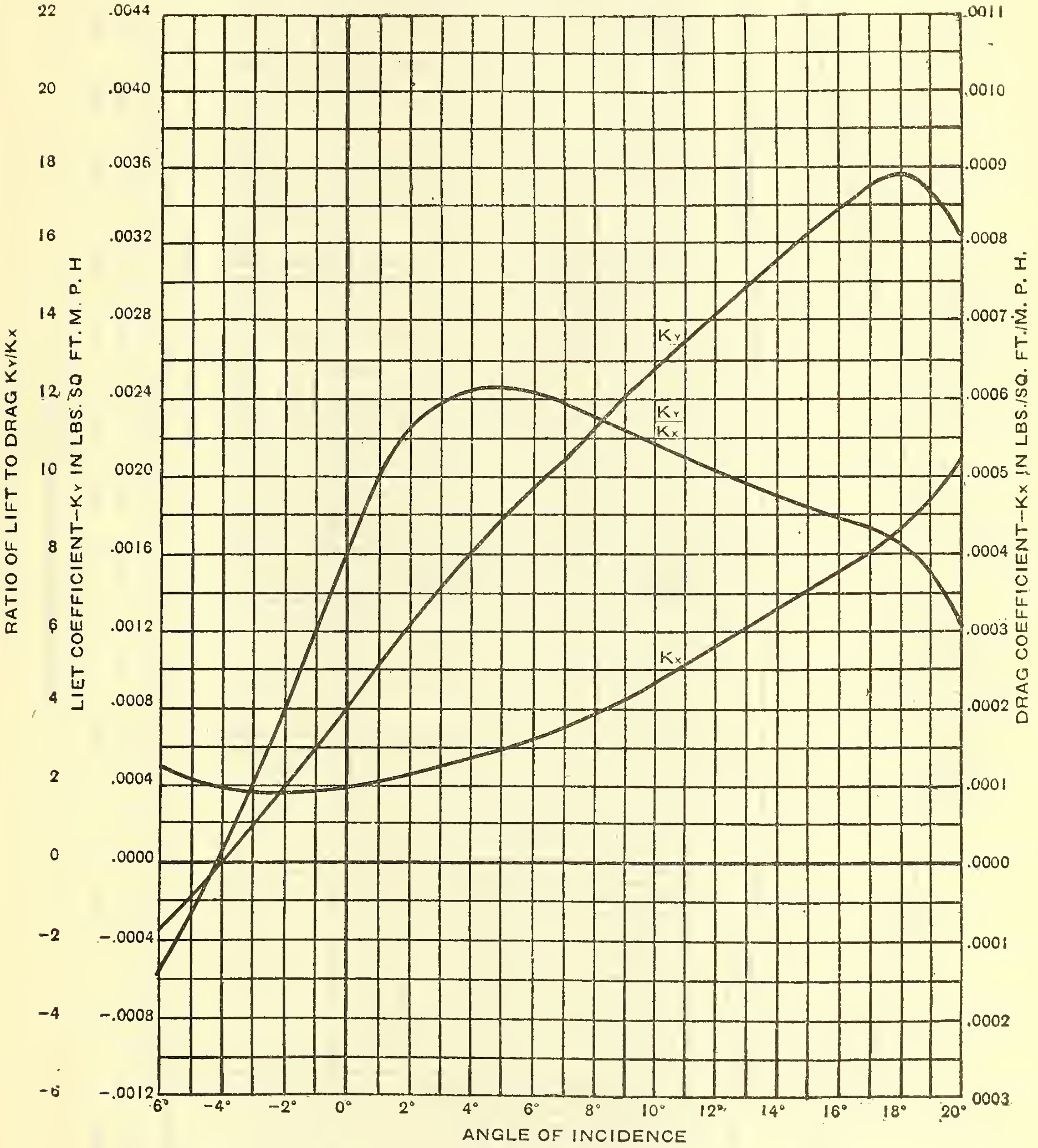


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.015	.092	.122	.135	.137	.13	.113	.092	.068	.04	0
Lower camber	.015	−.031	−.042	−.05	−.051	−.05	−.049	−.043	−.03	−.021	0

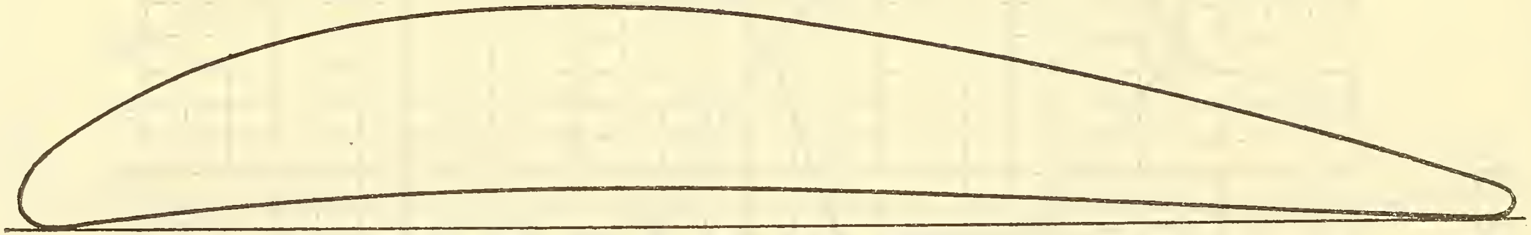
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 2.

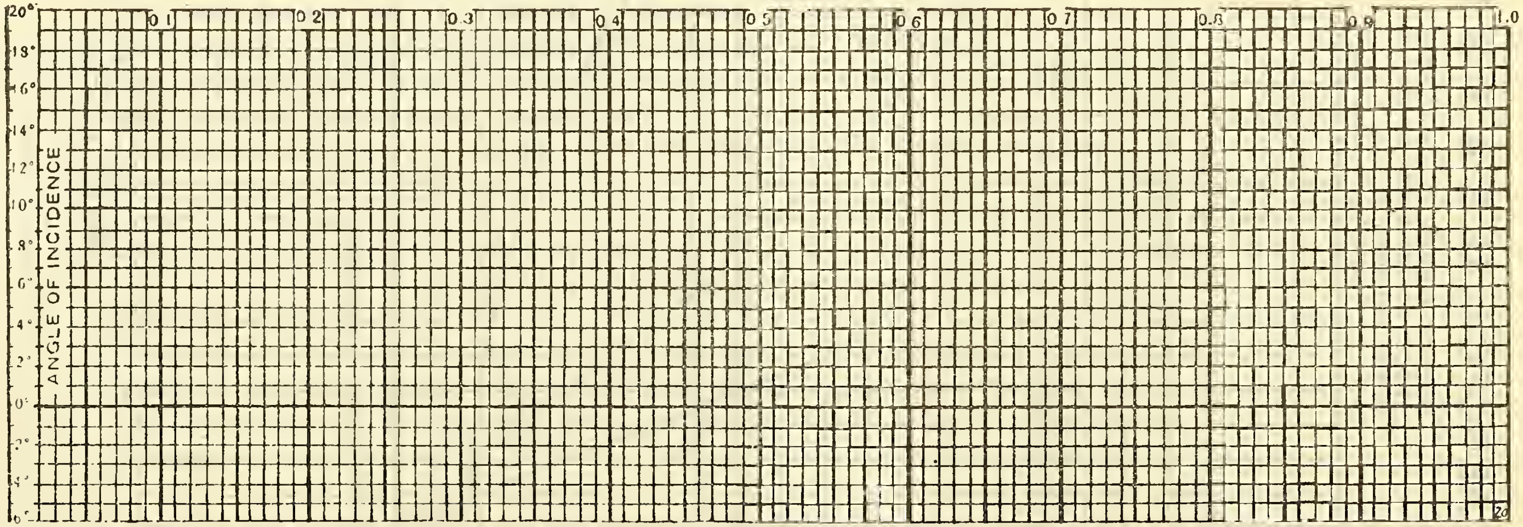
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

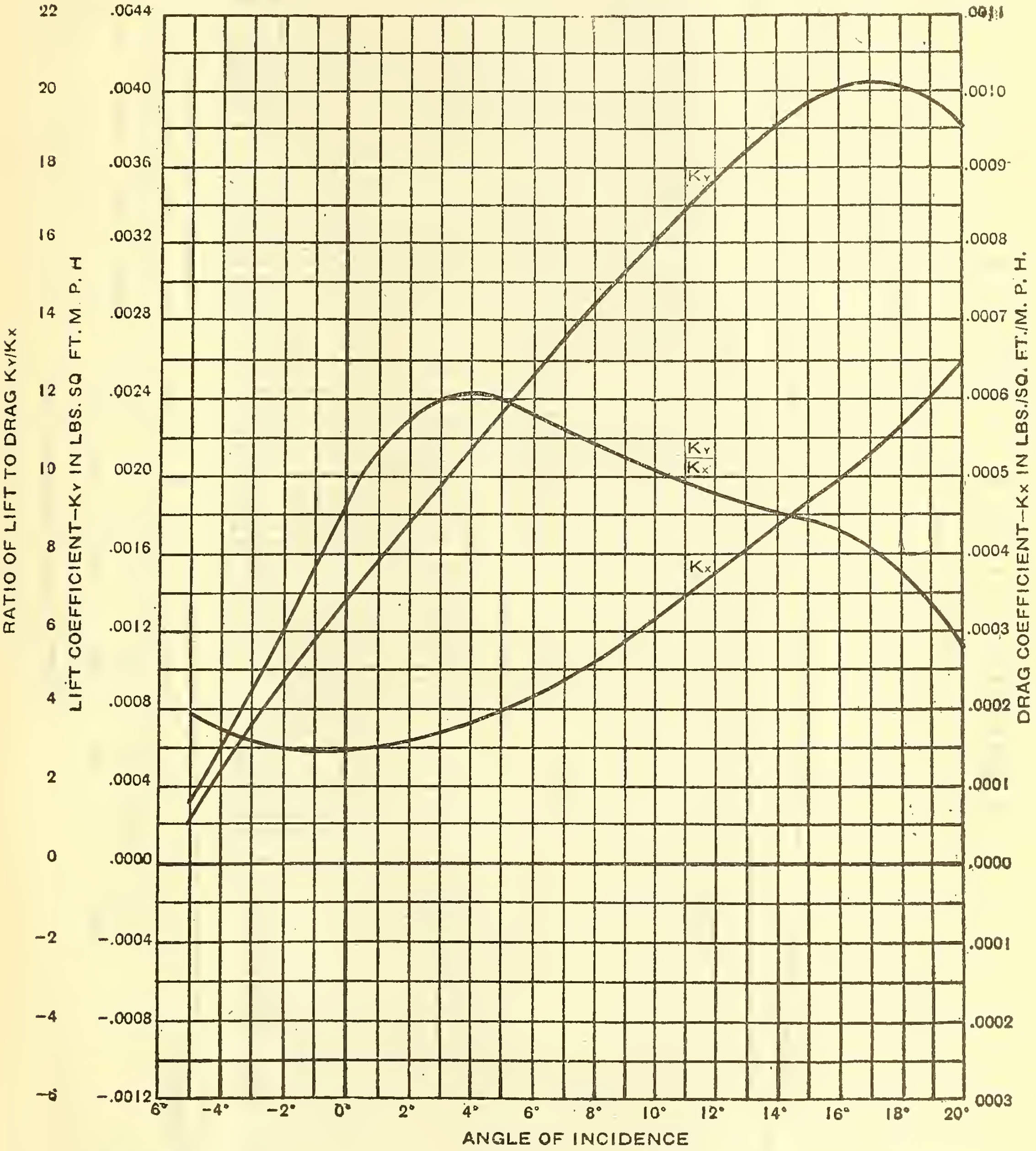


Distance from leading edge	0	.02	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.025	.0475	.067	.101	.13	.146	.1475	.1398	.1225	.1025	.0775	.05	.022	.01
Lower camber	.025	0	.005	.01	.02	.025	.027	.025	.021	.0198	.0125	.0085	0	.01

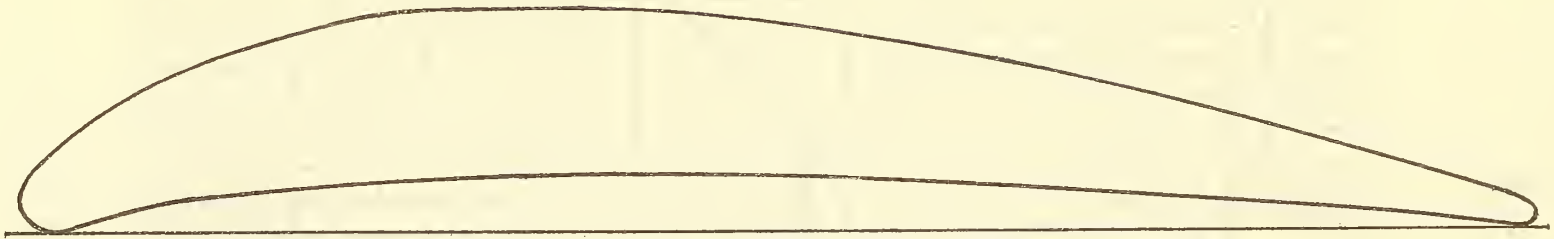
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 3.

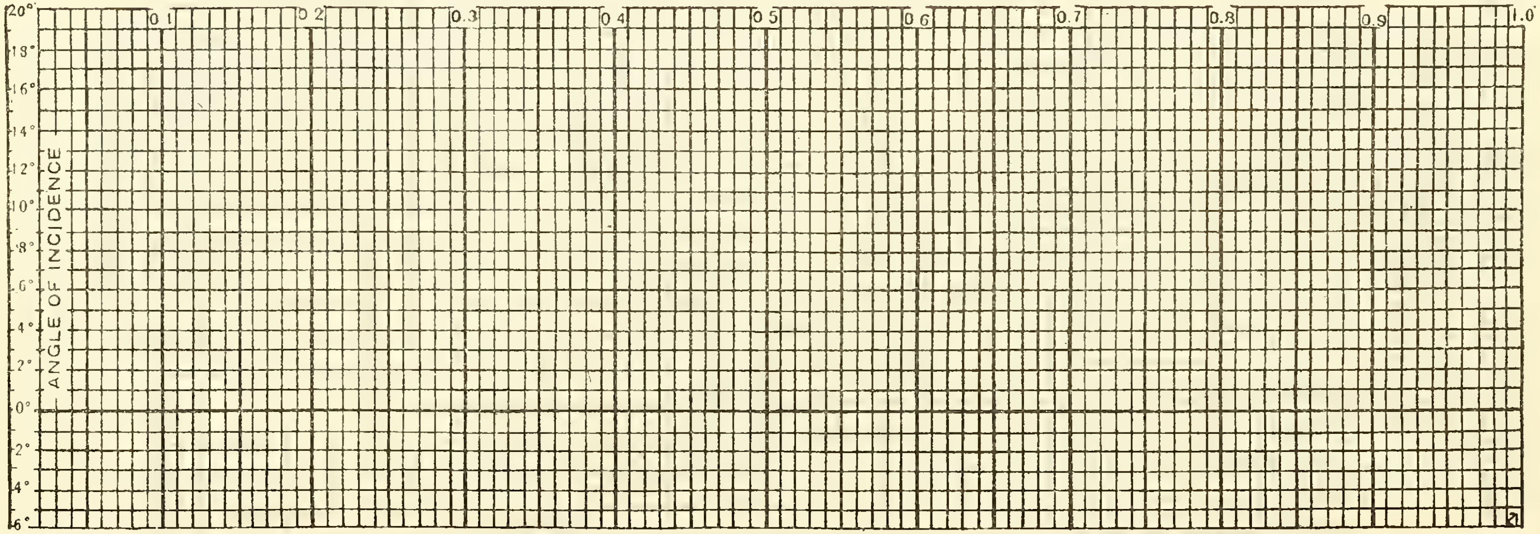
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

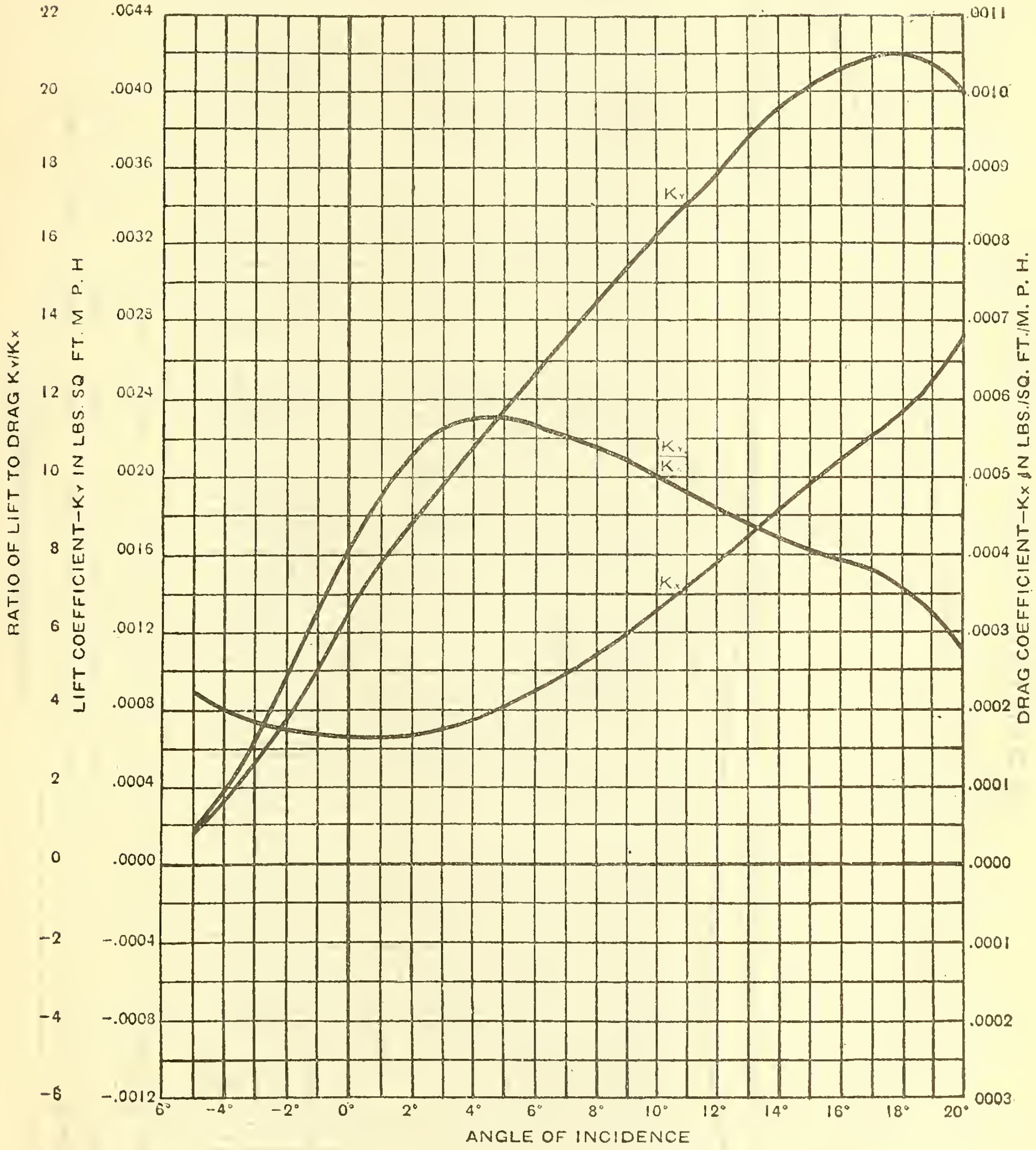


Distance from leading edge	0	.02	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.0250	.0475	.10	.132	.145	.1475	.1398	.1225	.1025	.0775	.05	.02	.01
Lower camber	.0250	0	.02	.032	.0350	.036	.035	.03	.0265	.02	.015	0	.01

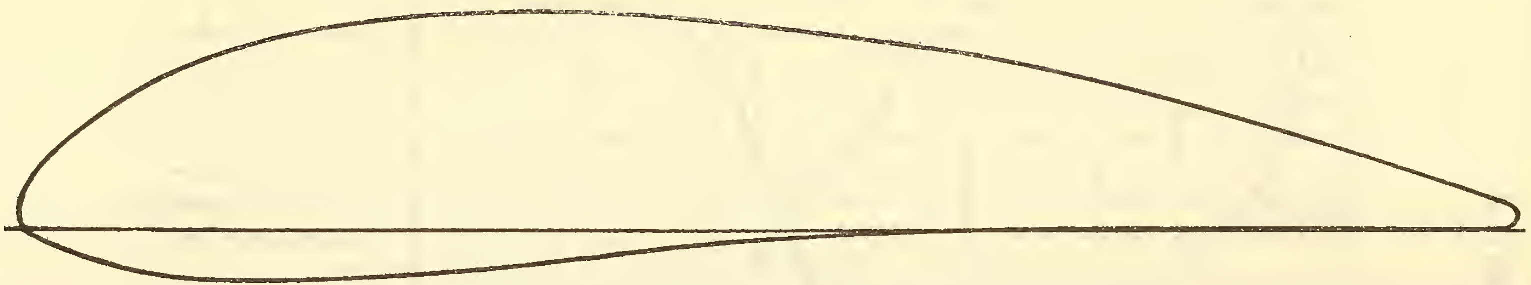
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 4.

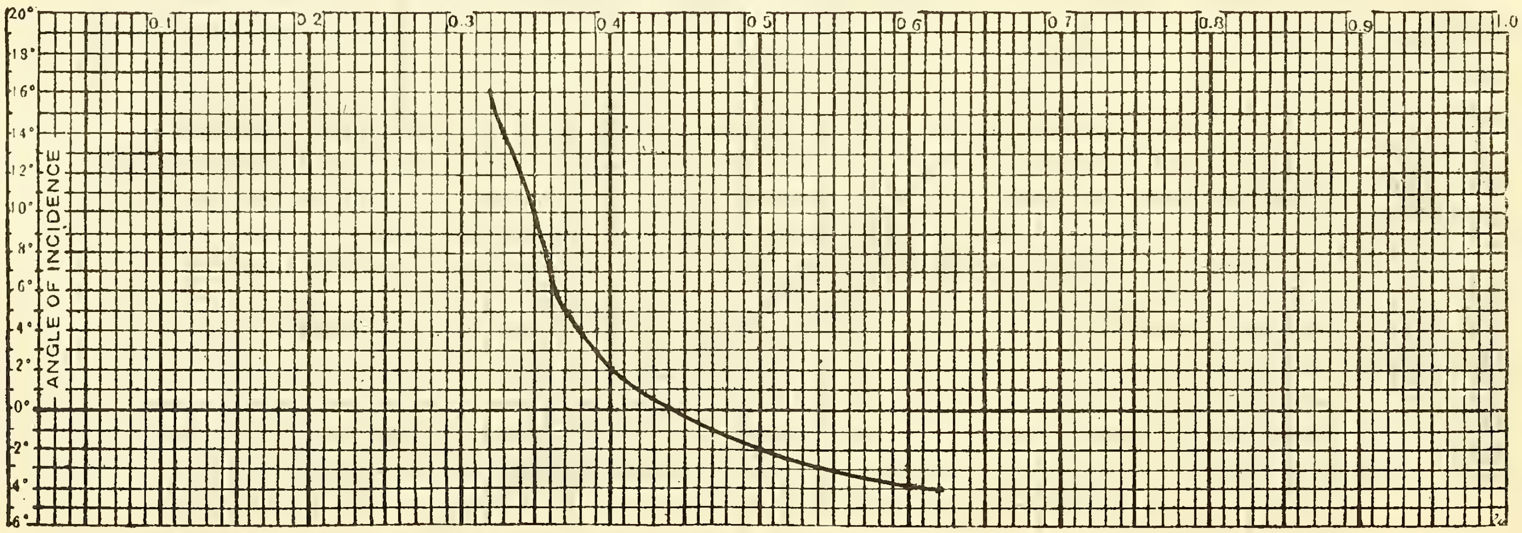
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

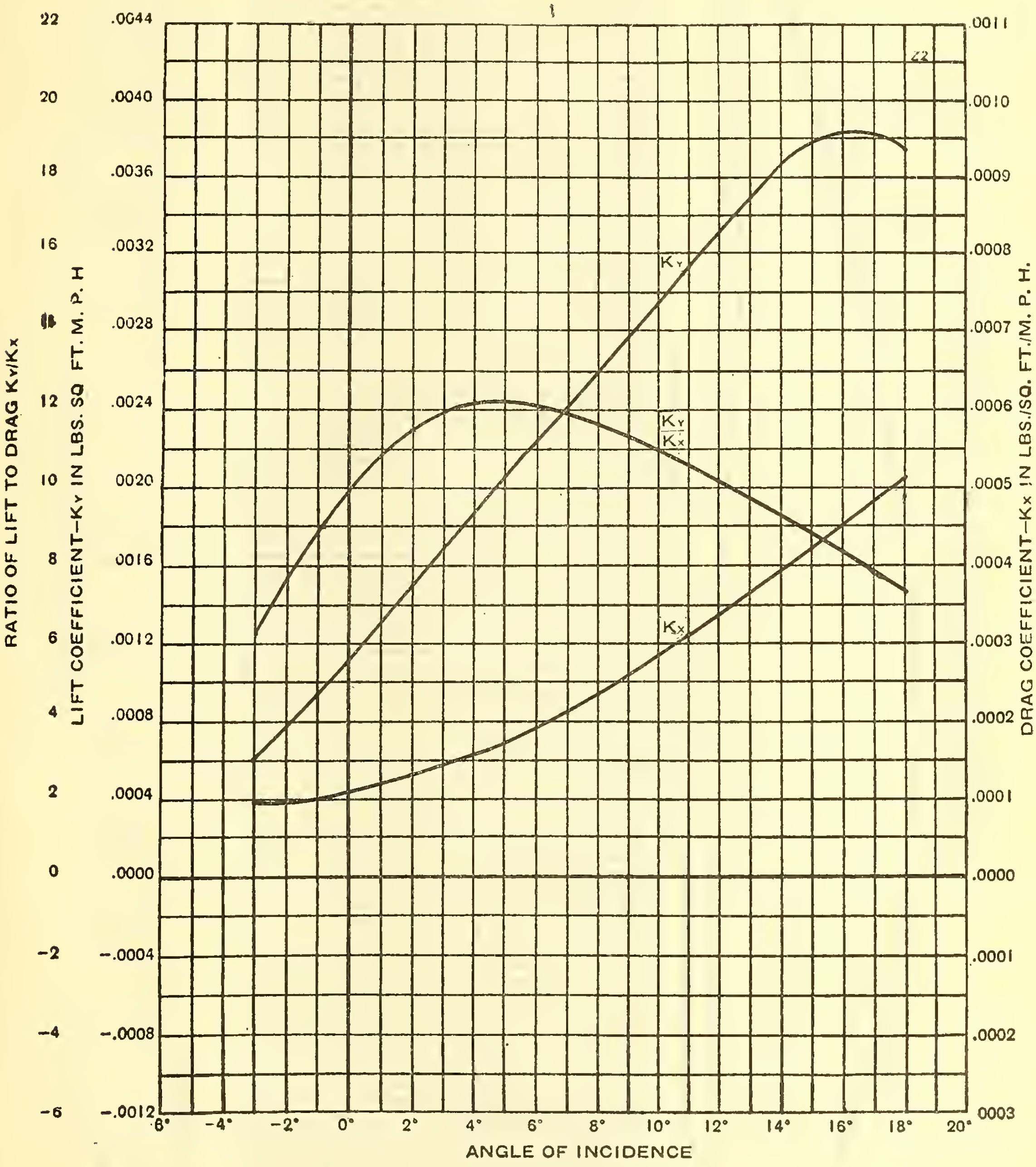


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.025	.120	.133	.146	.147	.138	.124	.104	.077	.05	.01
Lower camber	.025	−.03	−.035	−.029	−.015	−.006	−.004	−.002	0	0	0

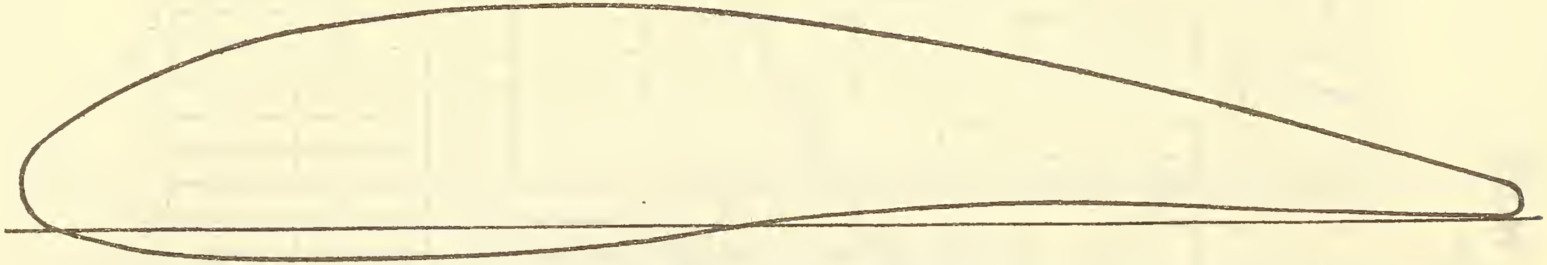
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 5.

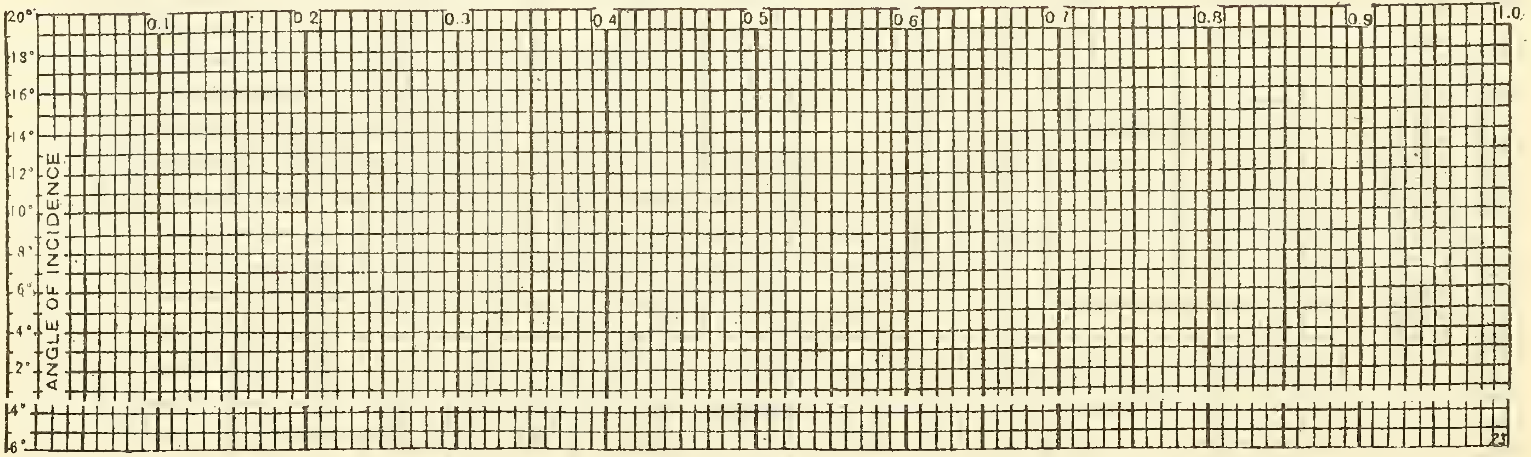
SIZE OF MODEL, 18 BY 3 INCHES
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

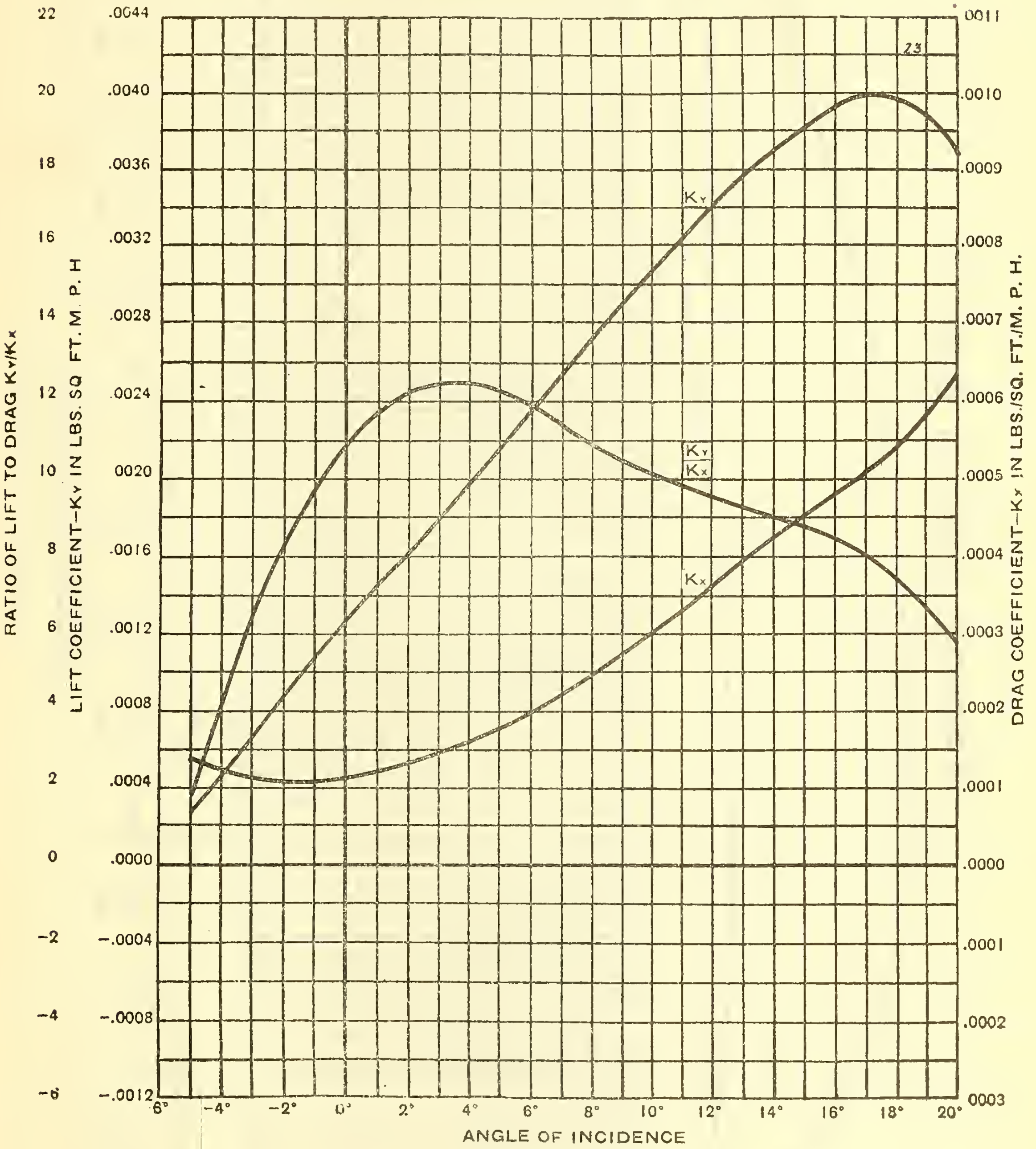


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.025	.075	.10	.133	.146	.1475	.1398	.1225	.1025	.0775	.05	.022	.01
Lower camber	.025	−.0075	−.013	−.02	−.02	−.013	0	.01	.0125	.015	.0085	0	.01

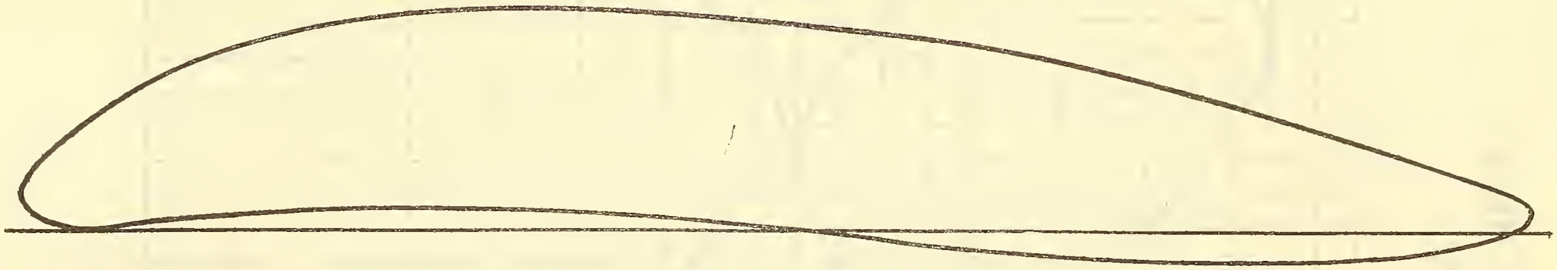
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 6.

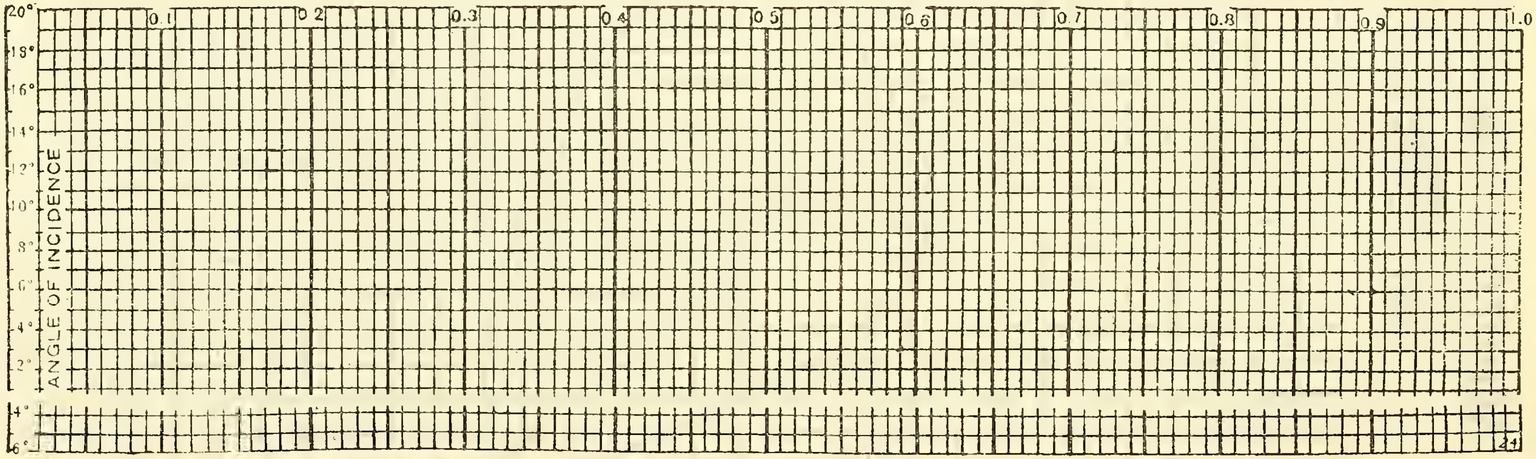
SIZE OF MODEL, 18 BY 3 INCHES
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 7.



CURVE OF CENTER OF PRESSURE TRAVEL

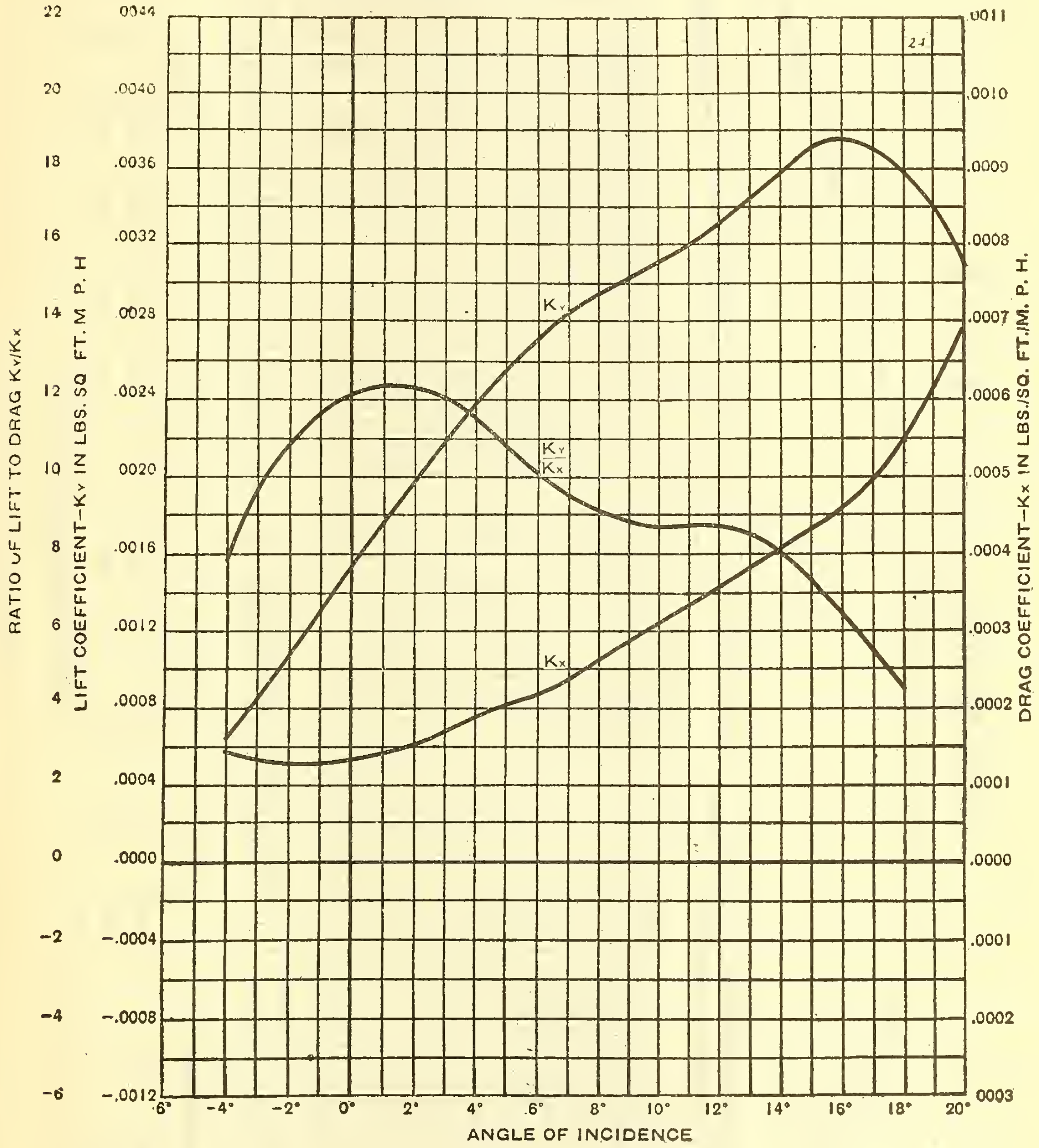


Distance from leading edge	0	.025	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.025	.0575	.101	.132	.145	.1475	.1398	.1225	.1025	.0775	.05	.02	.01
Lower camber	.025	0	.0075	.0115	.013	.01	0	—.012	—.018	—.02	—.0175	0	.01

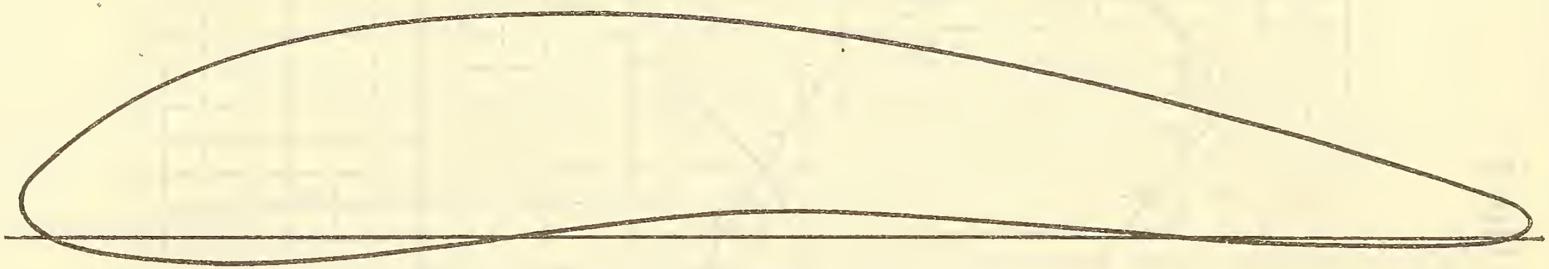
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 7.

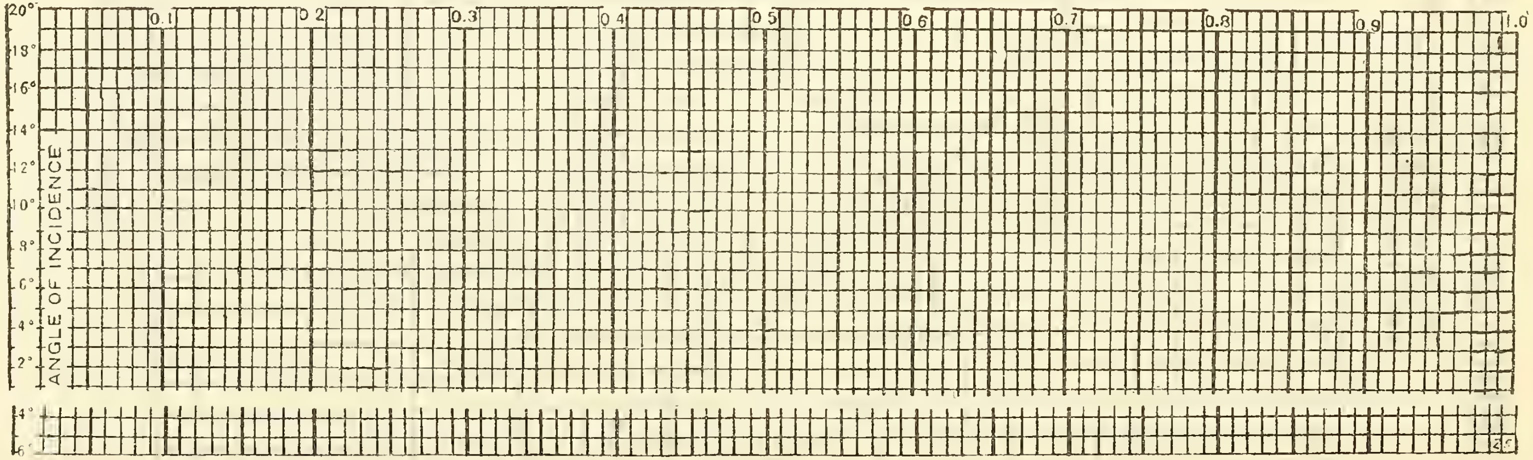
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 8.



CURVE OF CENTER OF PRESSURE TRAVEL

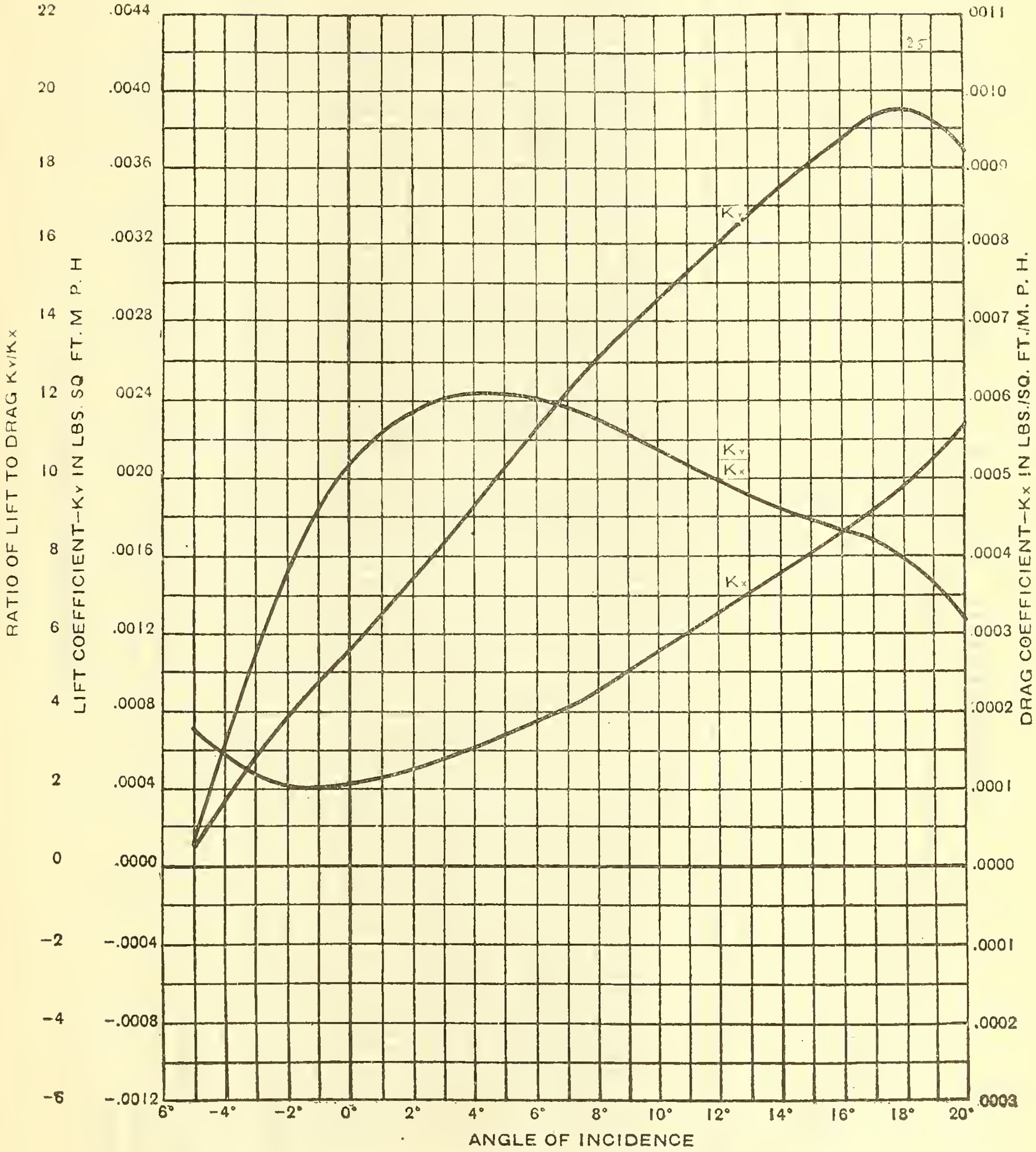


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.985	1.00
Upper camber	.025	.072	.101	.132	.145	.1475	.1398	.1225	.1025	.0775	.05	.025	.01
Lower camber	.025	—.011	—.0198	—.015	.0005	.01	.0175	.013	.0075	—.0005	—.0095	0	.01

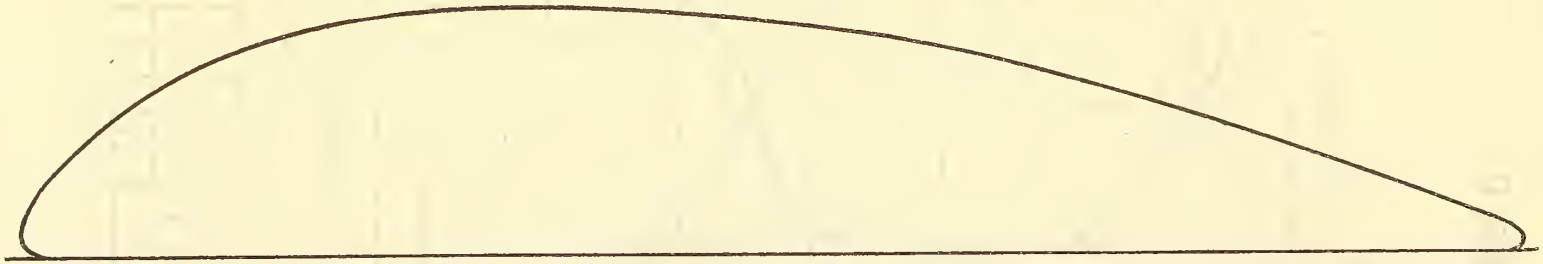
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 8.

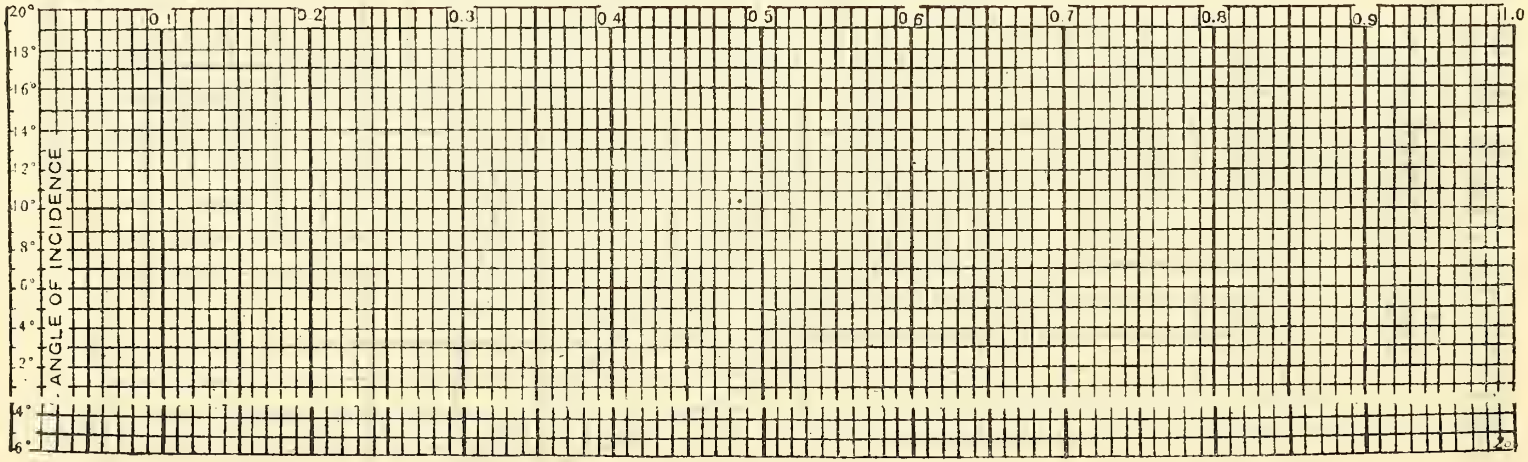
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 9.



CURVE OF CENTER OF PRESSURE TRAVEL

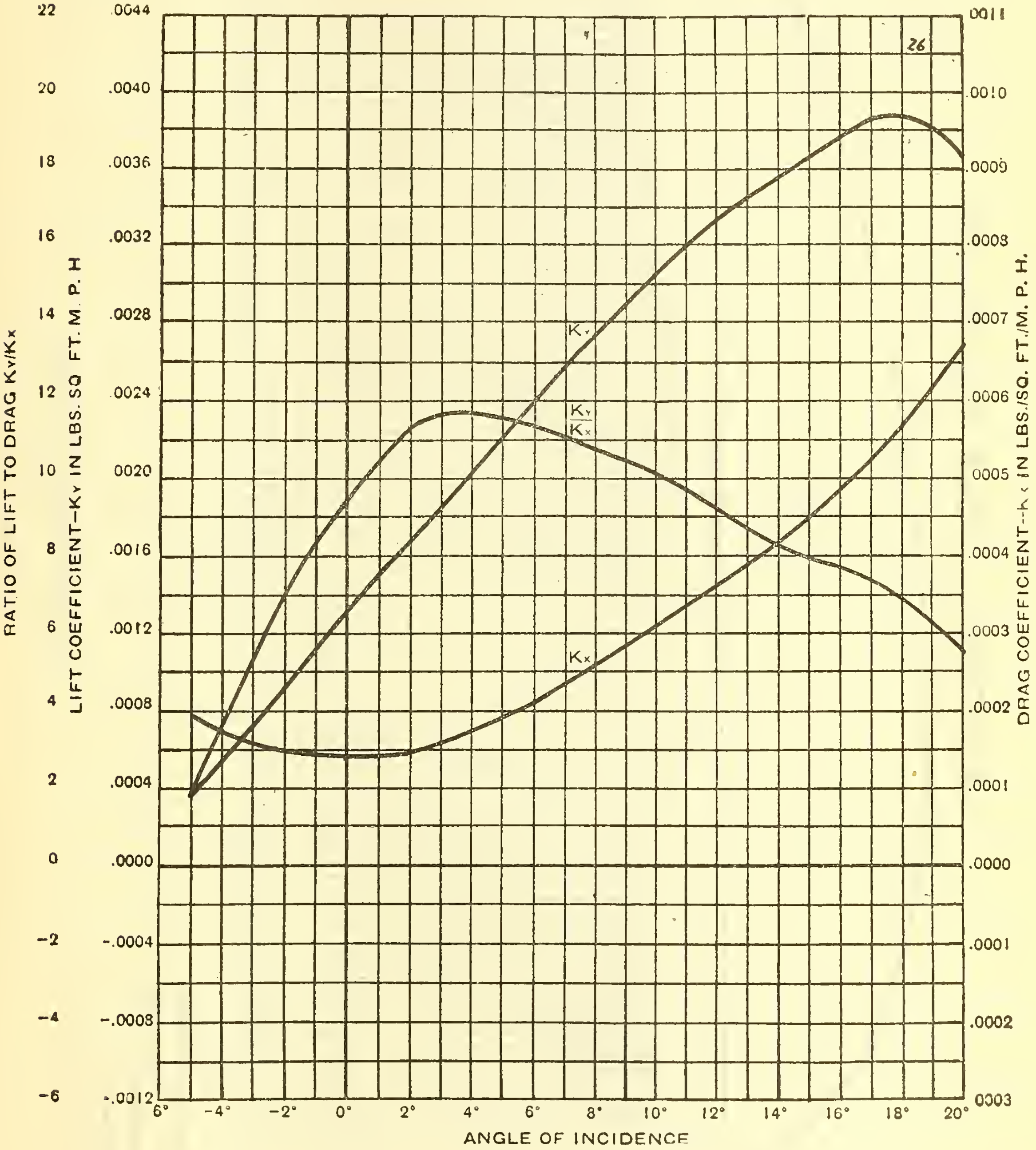


Distance from leading edge........	0	.02	.10	.20	.30	.35	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber....................	.015	.05	.1225	.1550	.1698	.170	.1698	.1598	.140	.115	.085	.052	.02	.01
Lower camber....................	.015	0	0	0	0	0	0	0	0	0	0	0	0	.01

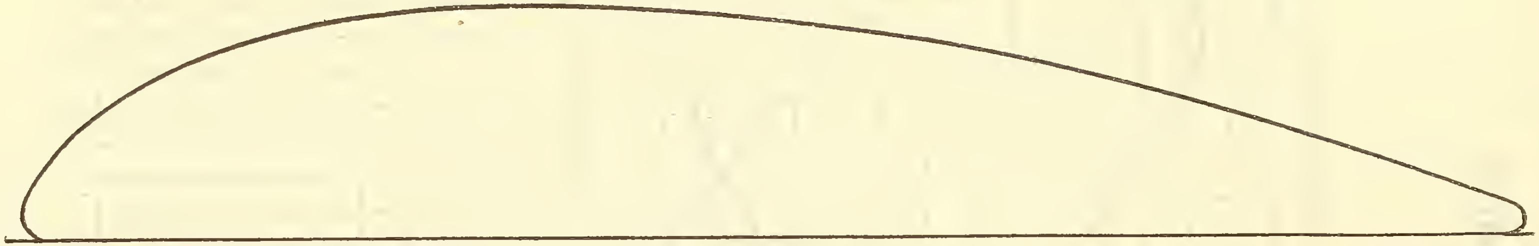
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 9.

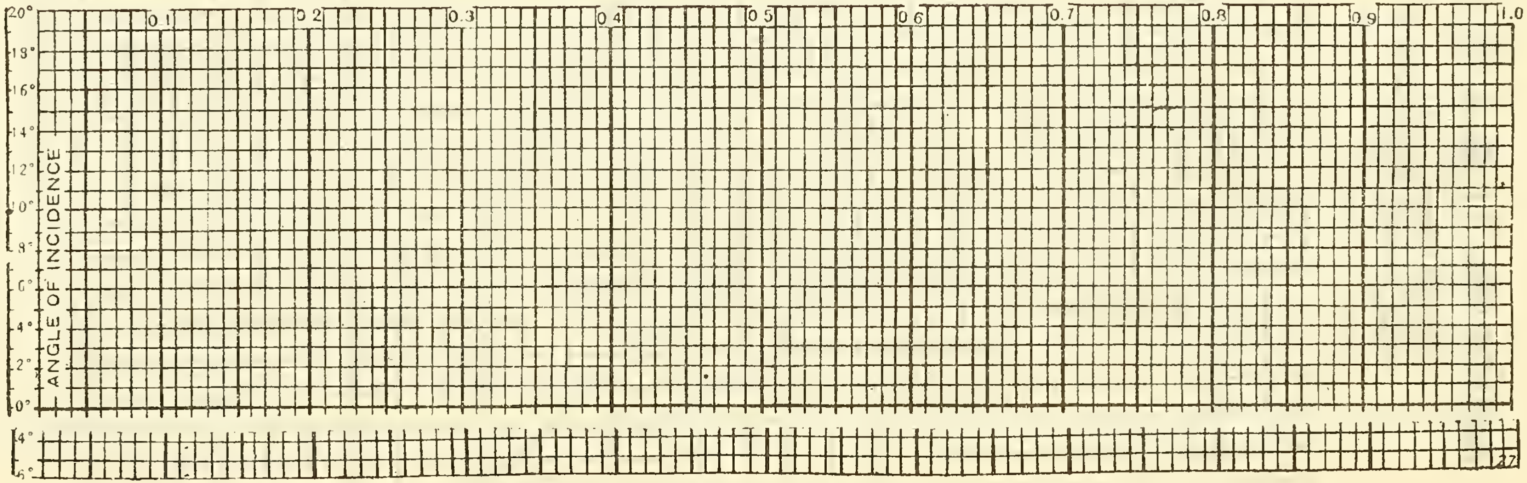
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 10



CURVE OF CENTER OF PRESSURE TRAVEL

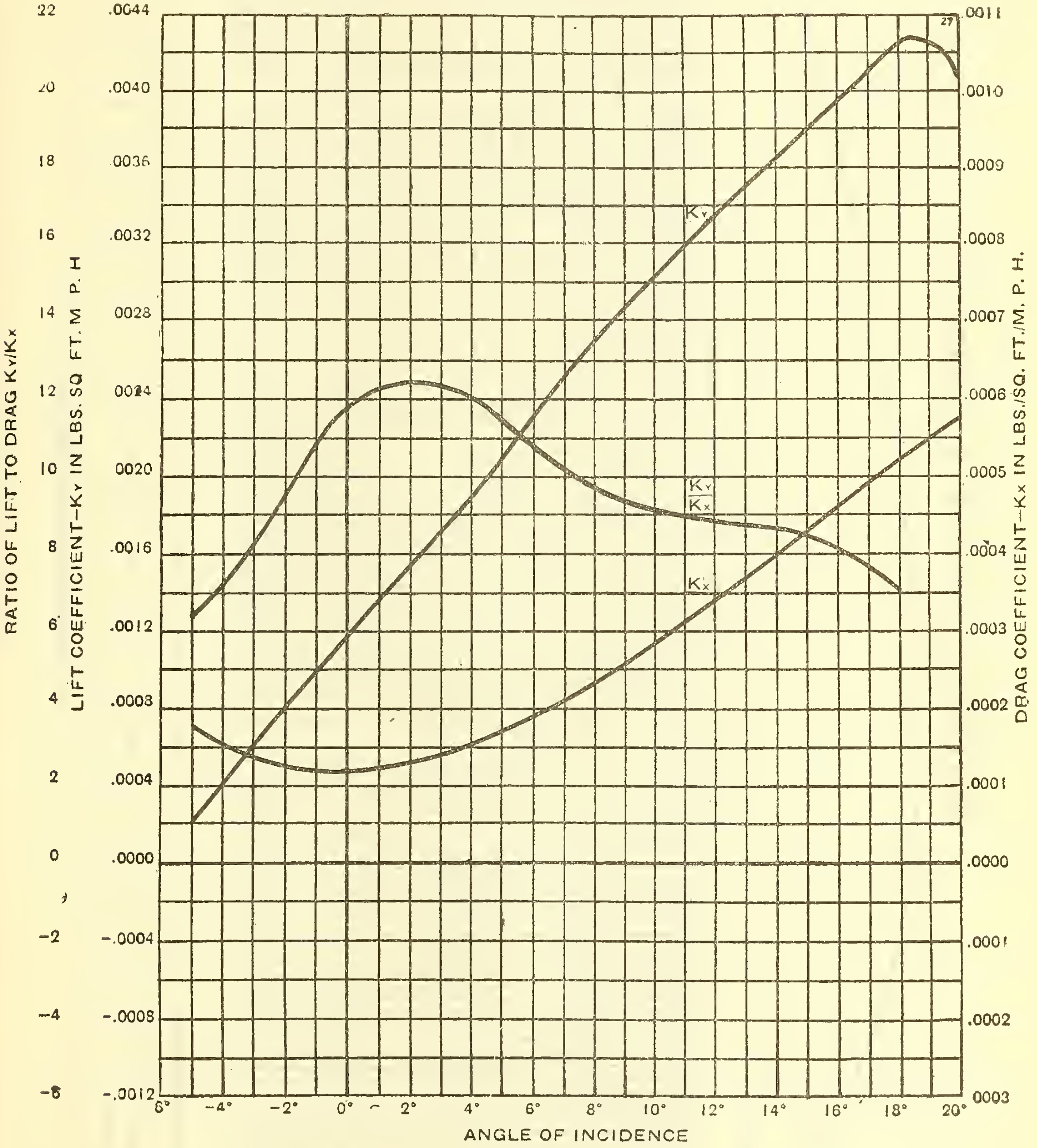


Distance from leading edge	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.015	.035	.115	.1475	.159	.156	.1485	.13	.1099	.08	.05	.02	.01
Lower camber	.015	0	0	0	0	0	0	0	0	0	0	0	.01

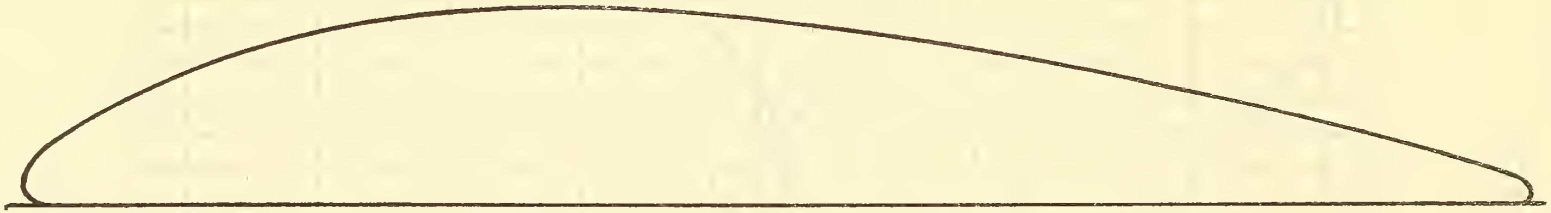
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 10.

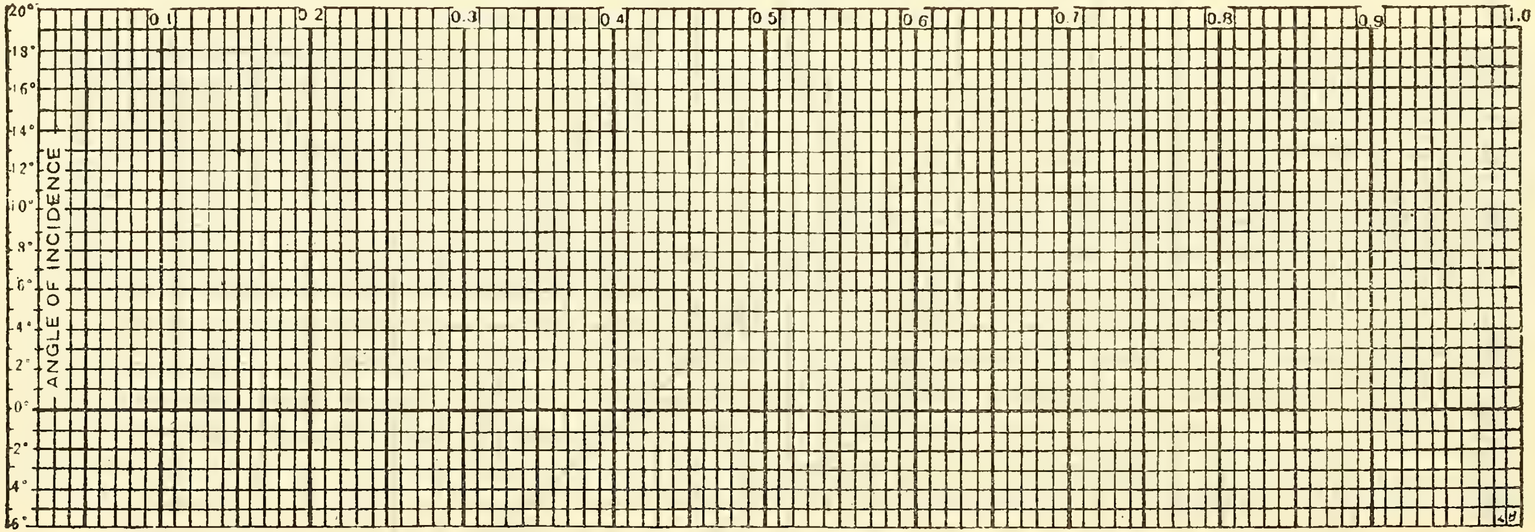
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 11.



CURVE OF CENTER OF PRESSURE TRAVEL

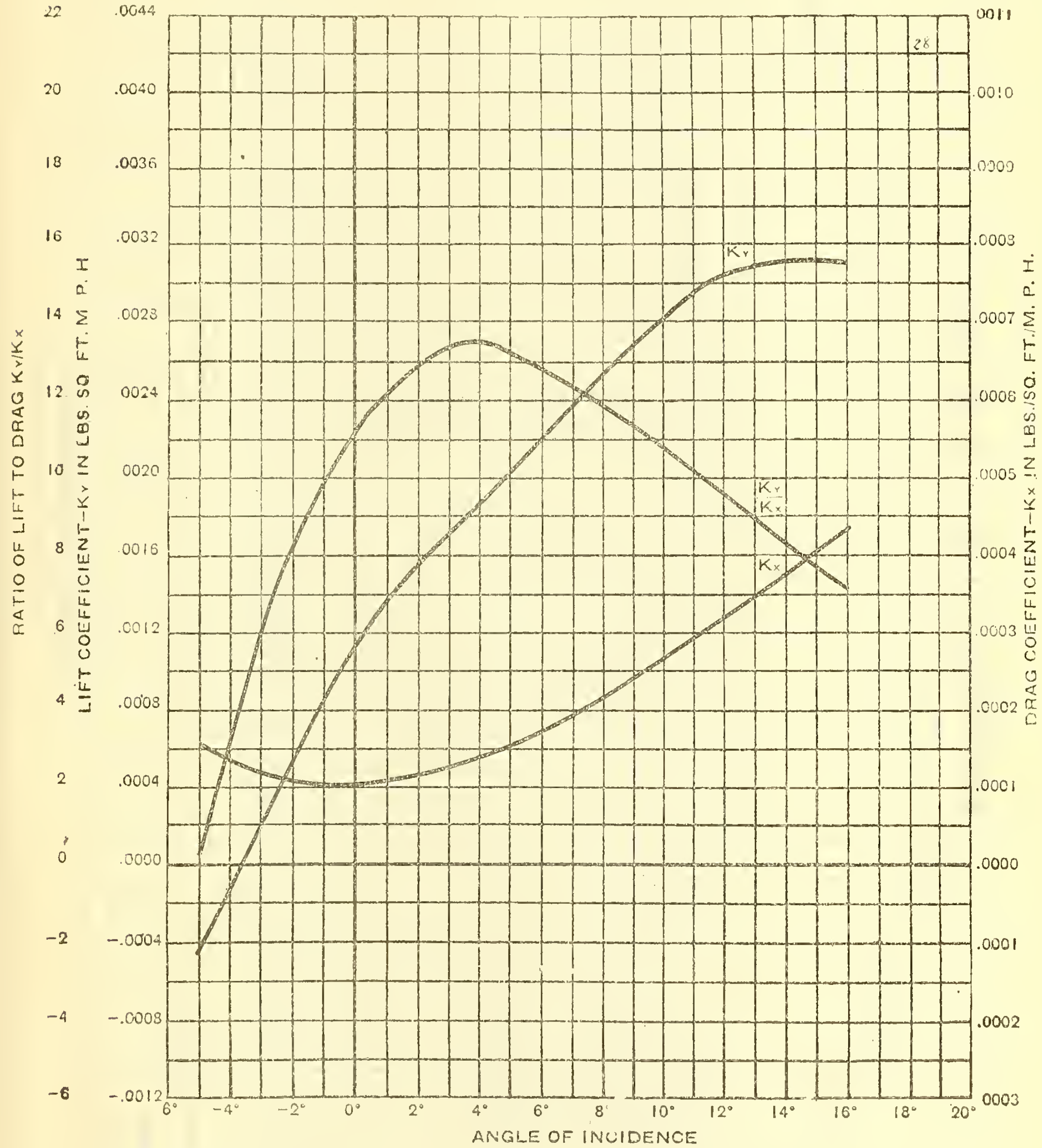


Distance from leading edge	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber....................	.015	.03	.083	.1125	.126	.1298	.12	.11	.09	.07	.0445	.02	.01
Lower camber....................	.015	0	0	0	0	0	0	0	0	0	0	0	.01

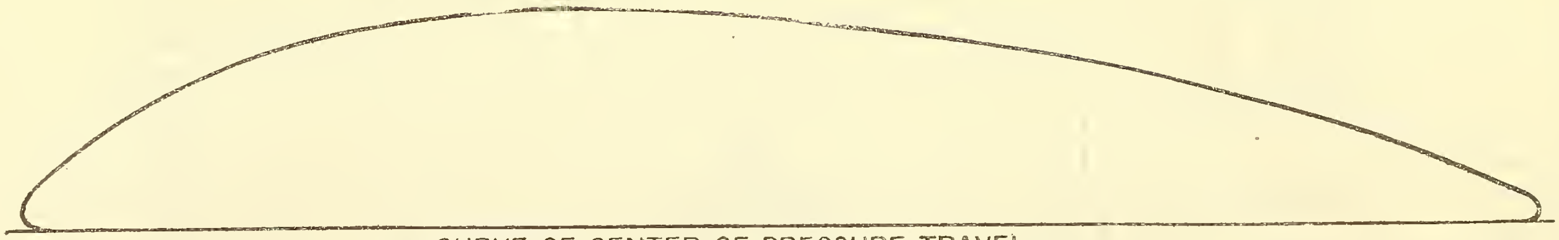
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 11.

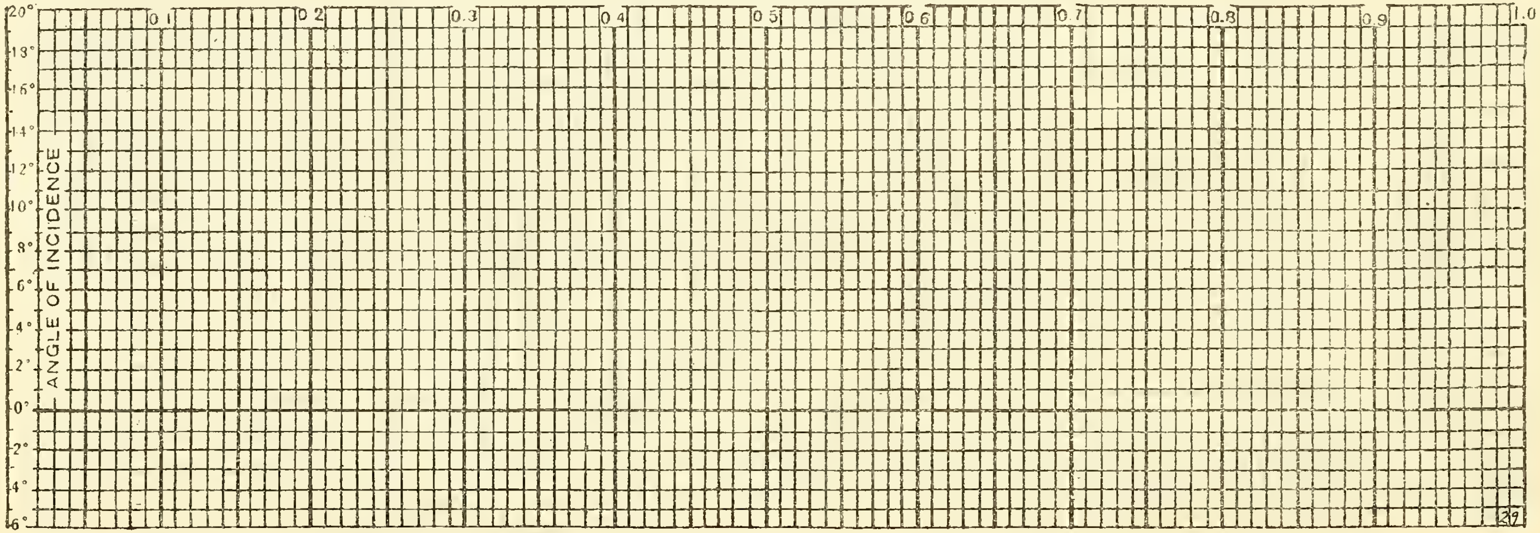
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S., No. 12.



CURVE OF CENTER OF PRESSURE TRAVEL

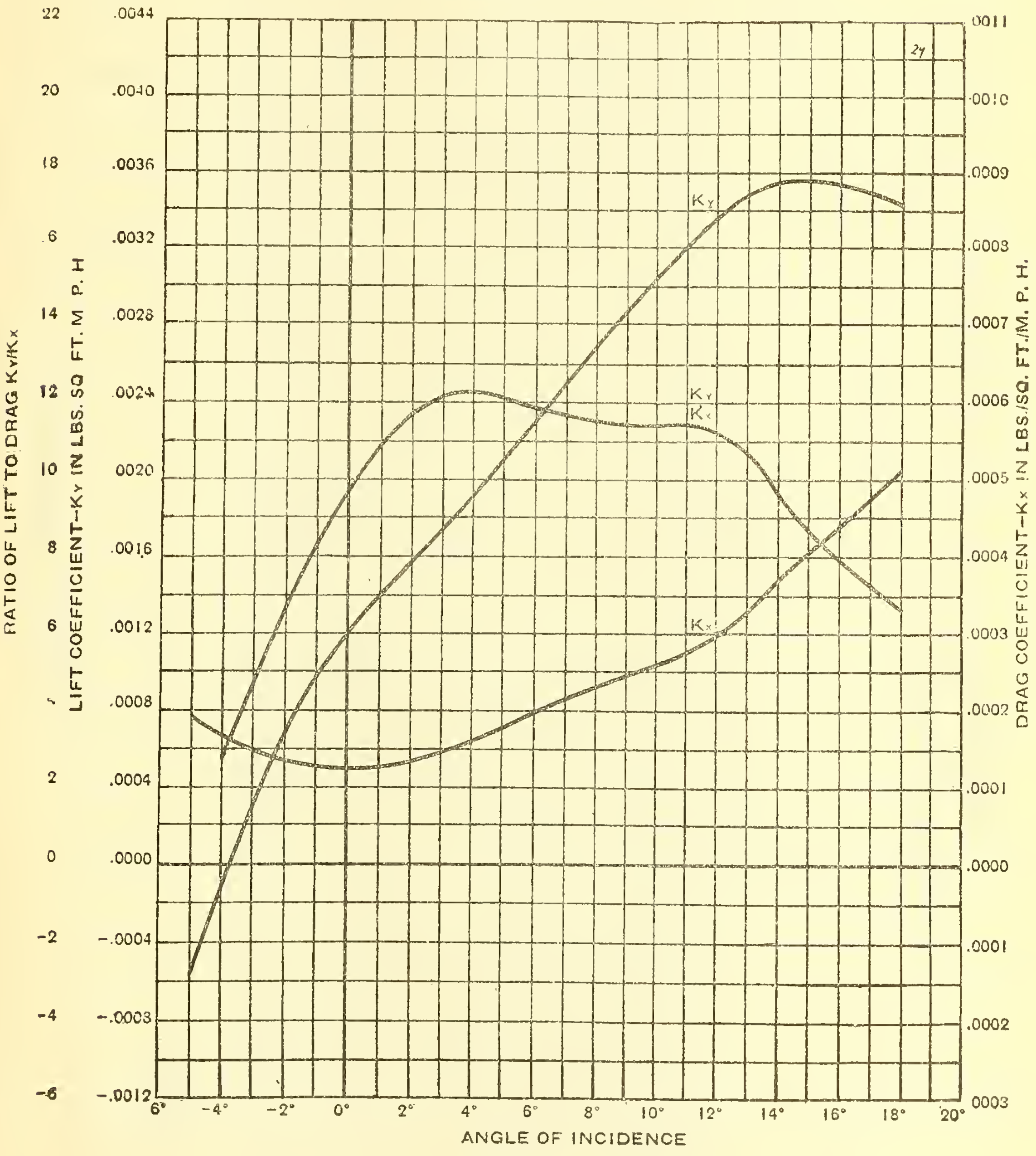


Distance from leading edge.......	0	.01	.10	.20	.30	.40	.50	.06	.70	.80	.90	.99	1.00
Upper camber....................	.015	.03	.091	.125	.14	.1425	.139	.1275	.11	.085	.054	.02	.01
Lower camber....................	.015	0	0	0	0	0	0	0	0	0	0	0	.01

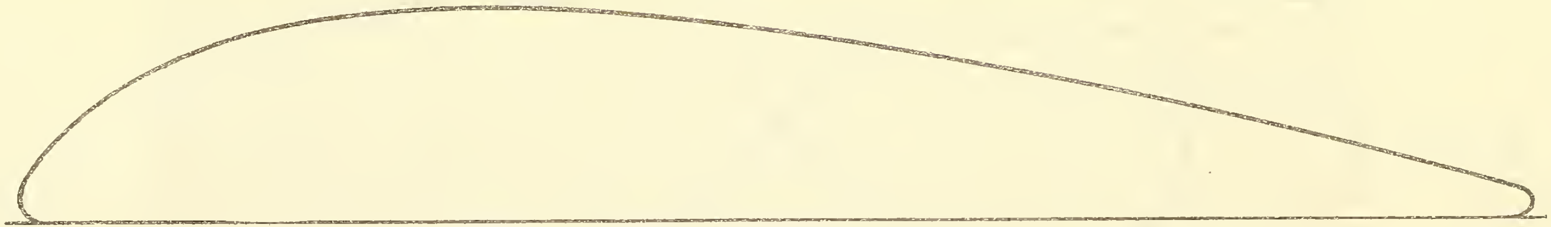
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 12.

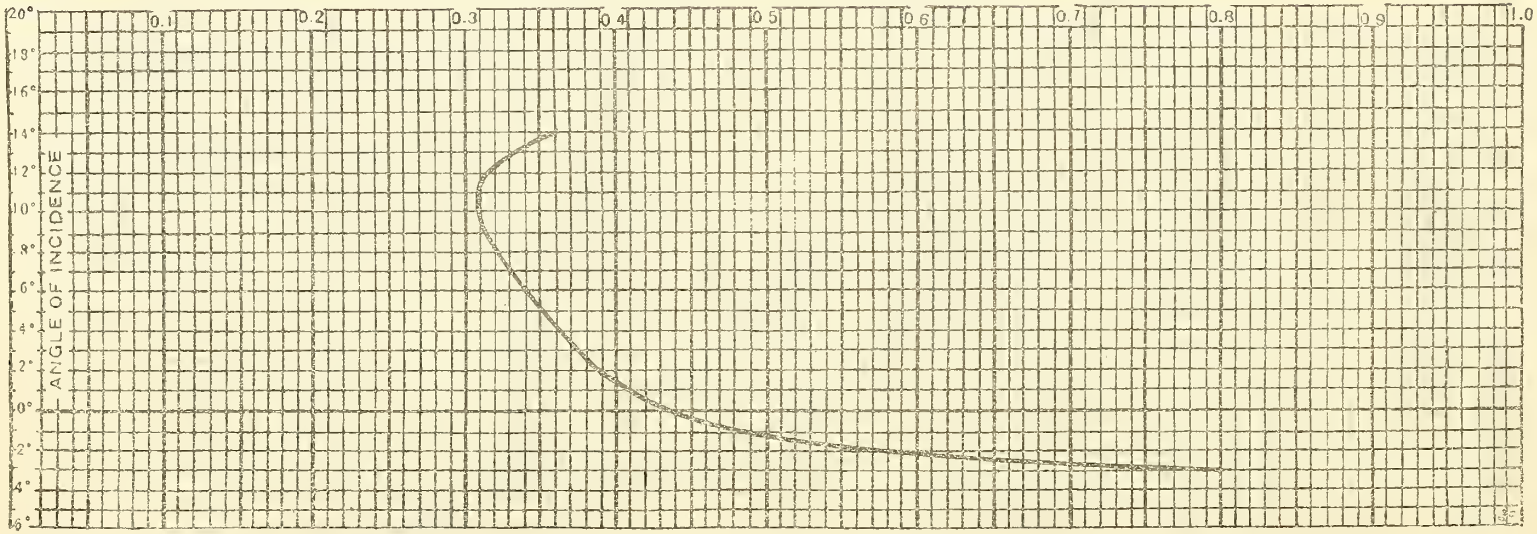
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 13.



CURVE OF CENTER OF PRESSURE TRAVEL

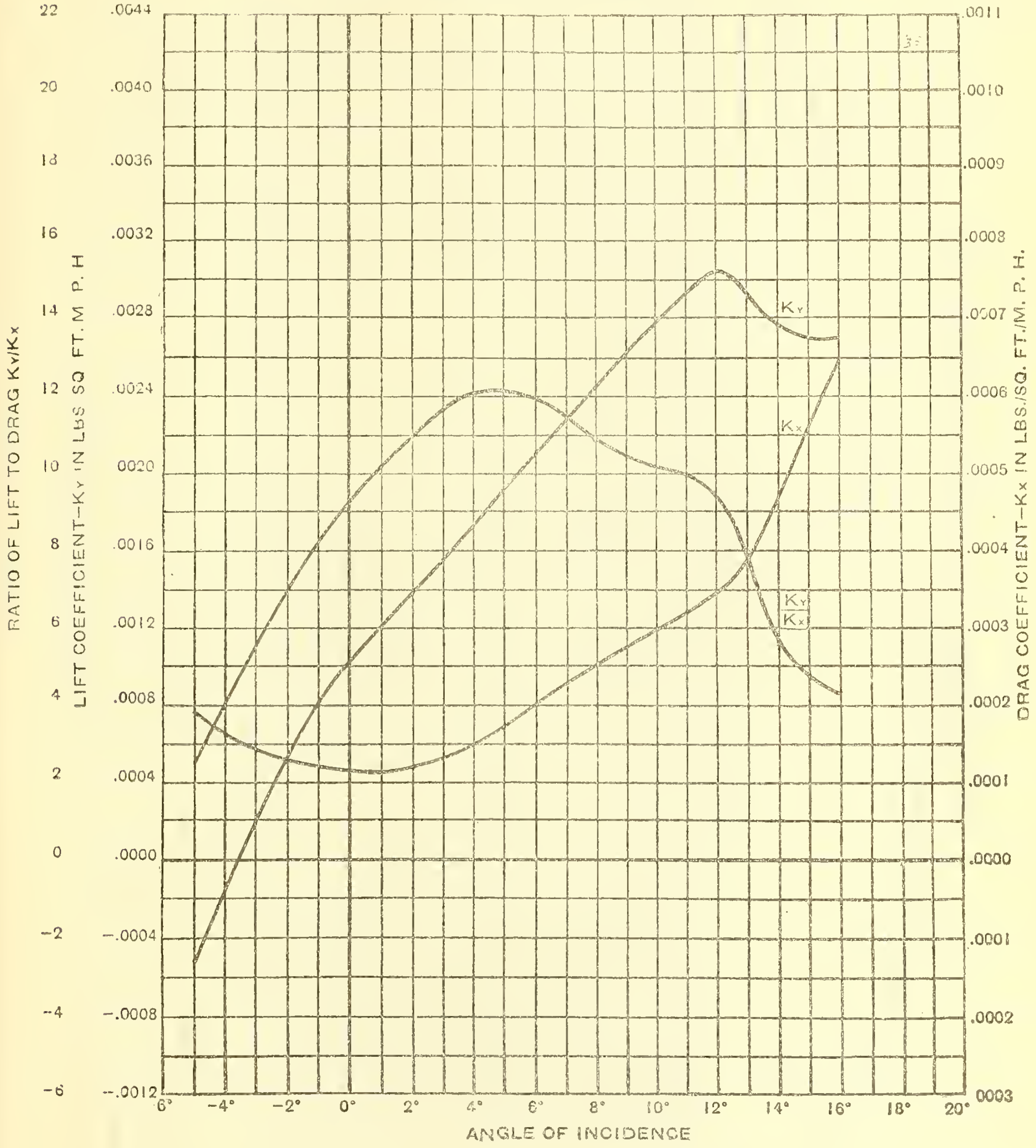


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.015	.08	.138	.142	.134	.123	.106	.09	.0668	.043	.01
Lower camber	.015	0	0	0	0	0	0	0	0	0	0

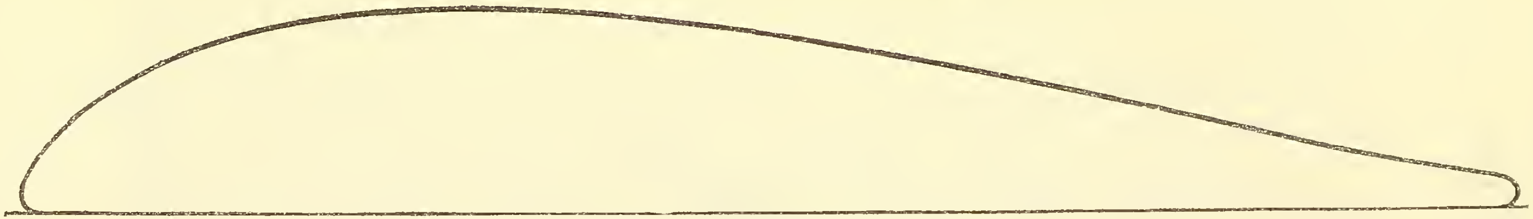
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 13.

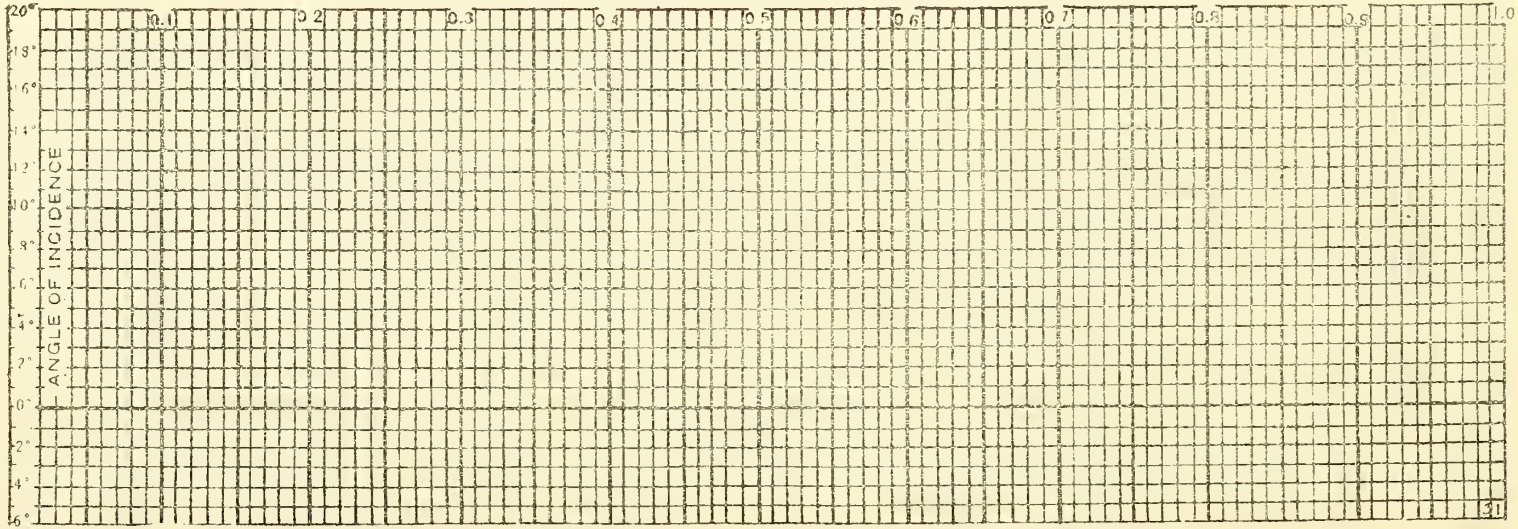
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 14.



CURVE OF CENTER OF PRESSURE TRAVEL

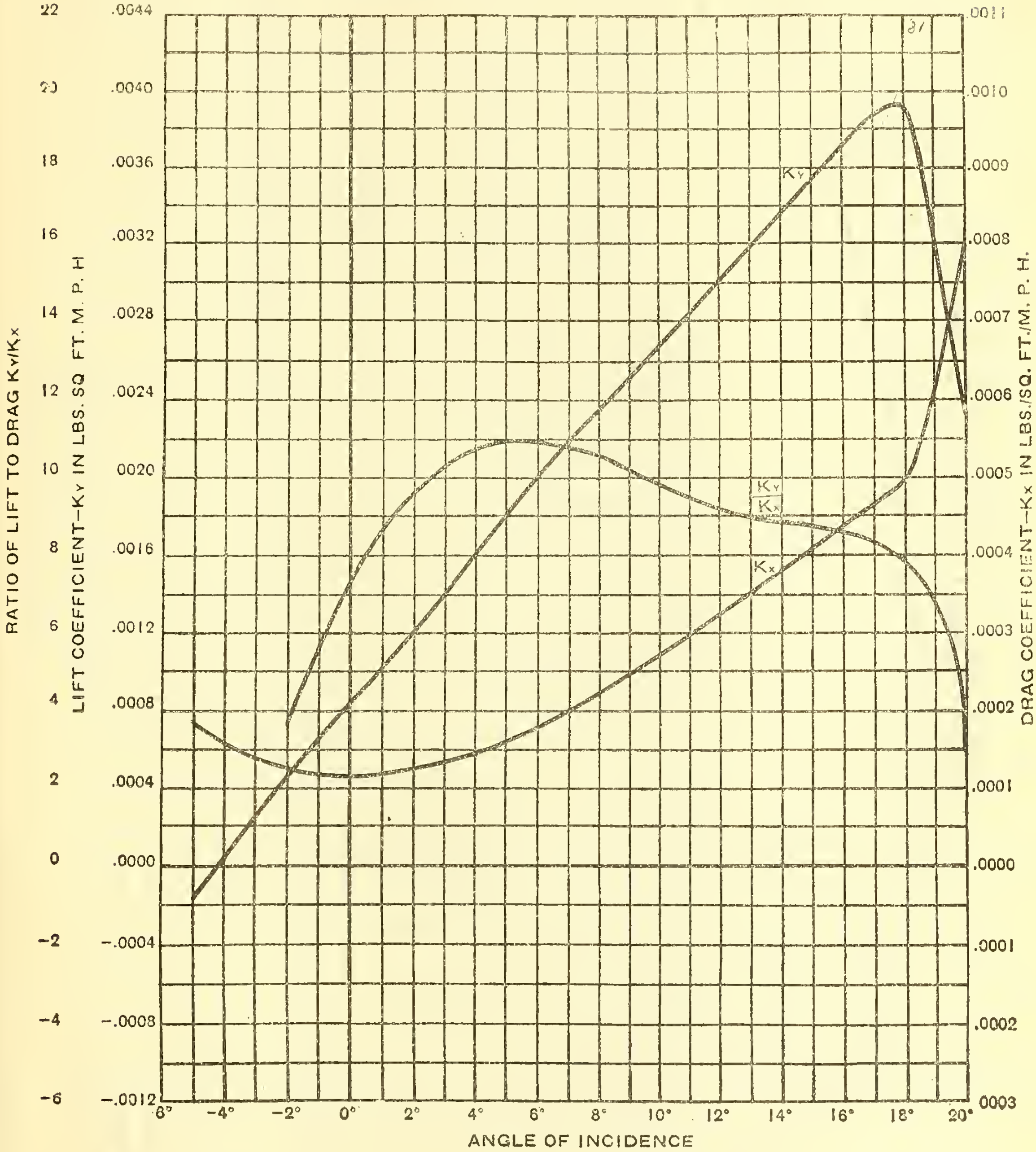


Distance from leading edge.......	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber....................	.015	.03	.105	.13	.14	.1345	.12	.10	.08	.06	.039	.02	.01
Lower camber....................	.015	0	0	0	0	0	0	0	0	0	0	0	.01

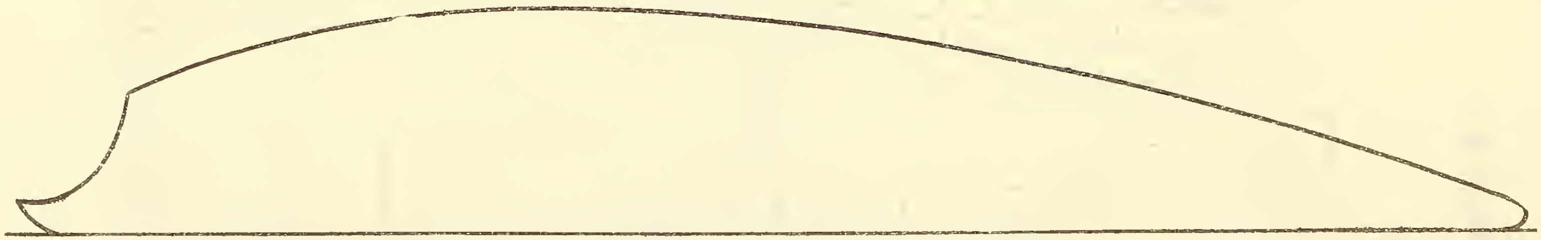
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 14.

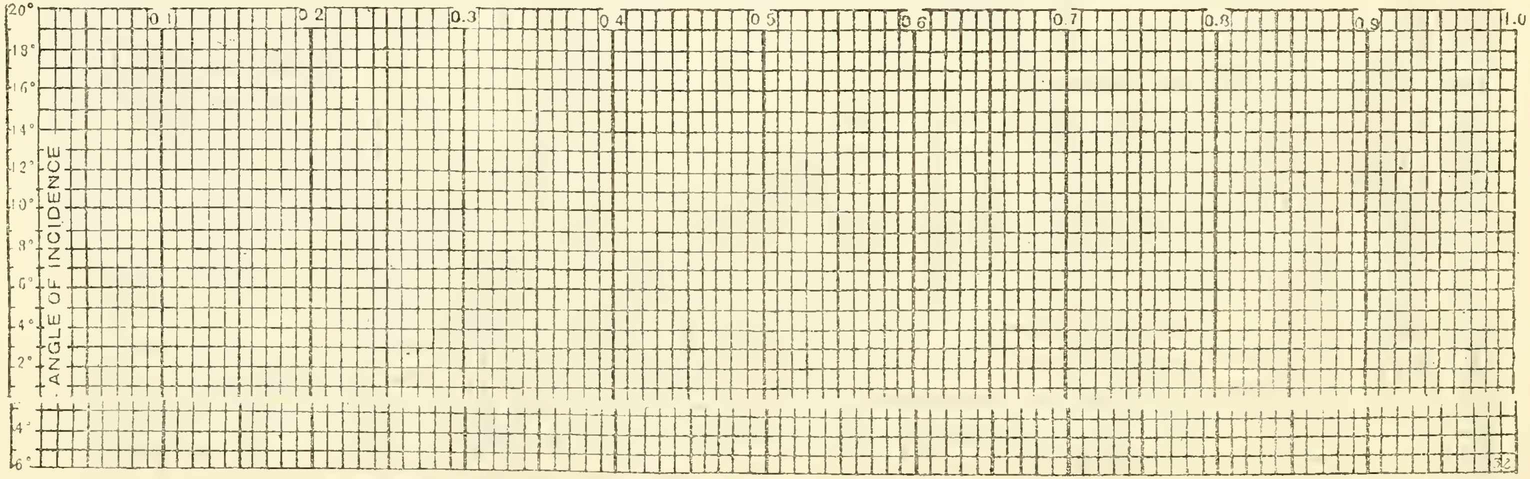
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 15.



CURVE OF CENTER OF PRESSURE TRAVEL

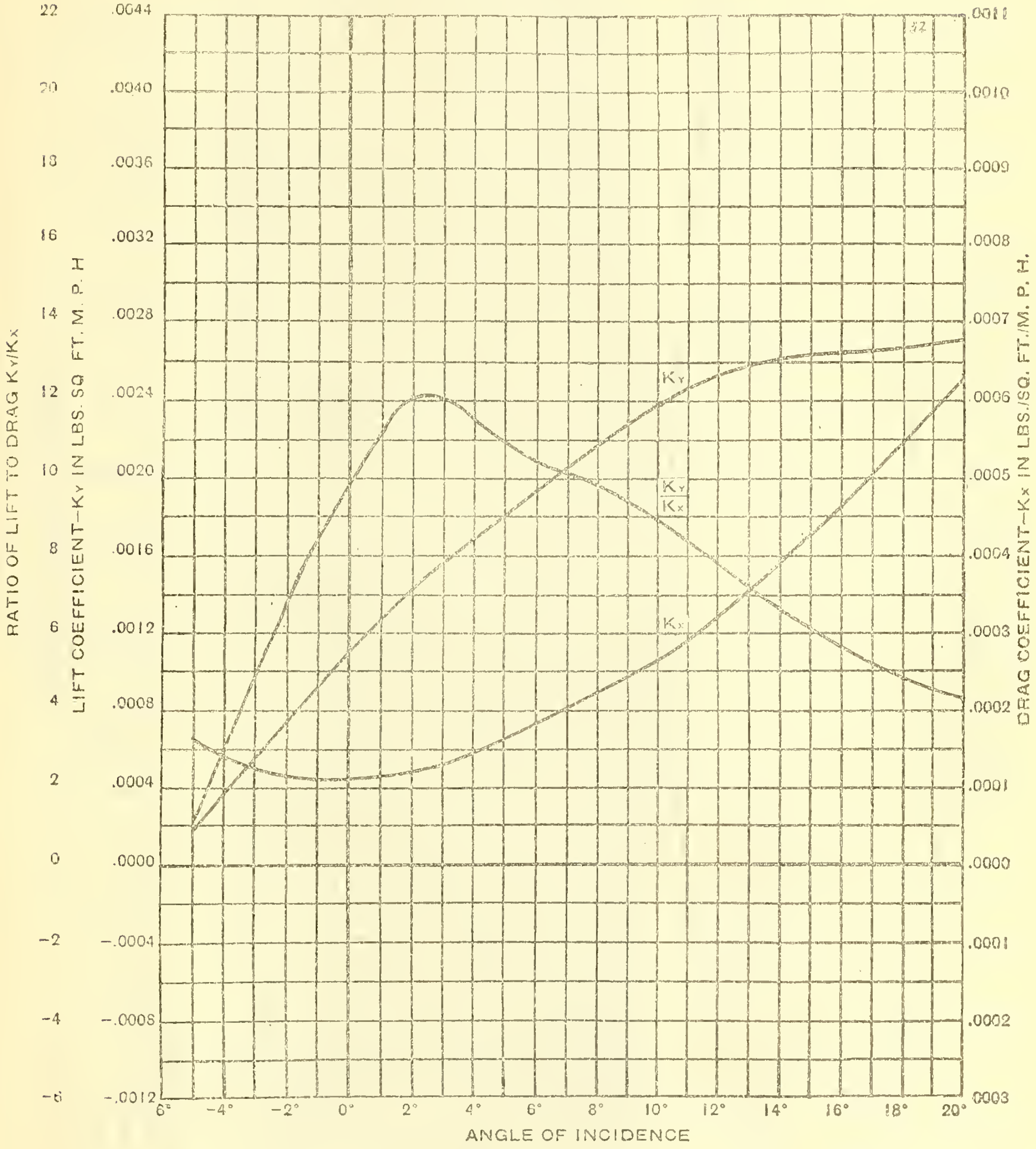


Distance from leading edge	0	.01	.02	.05	.06	.065	.07	.10	.20	.30	.35	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.02	.02	.02	.04	.0575	.074	.09	.105	.135	.148	.15	.148	.139	.1225	.1025	.08	.051	.02	.01
Lower camber	.02	.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01

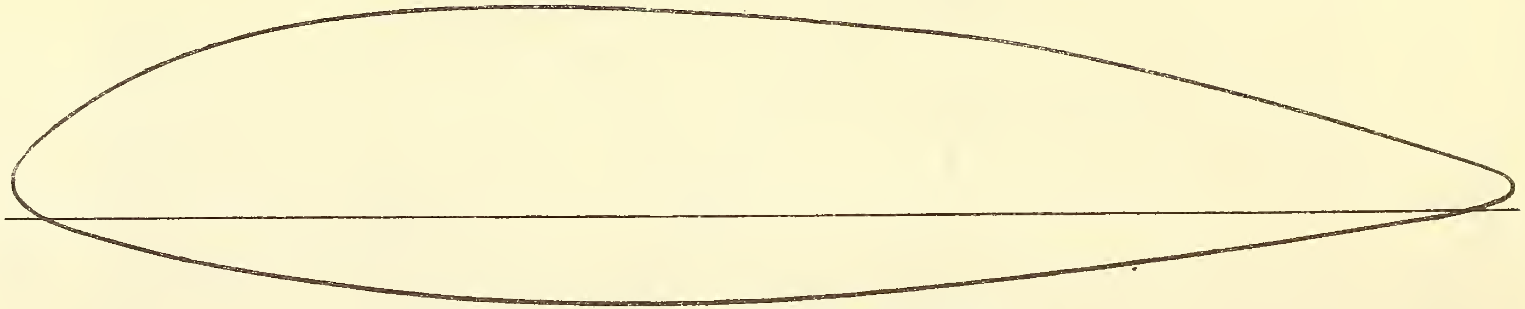
All dimensions given as decimal parts of chord.

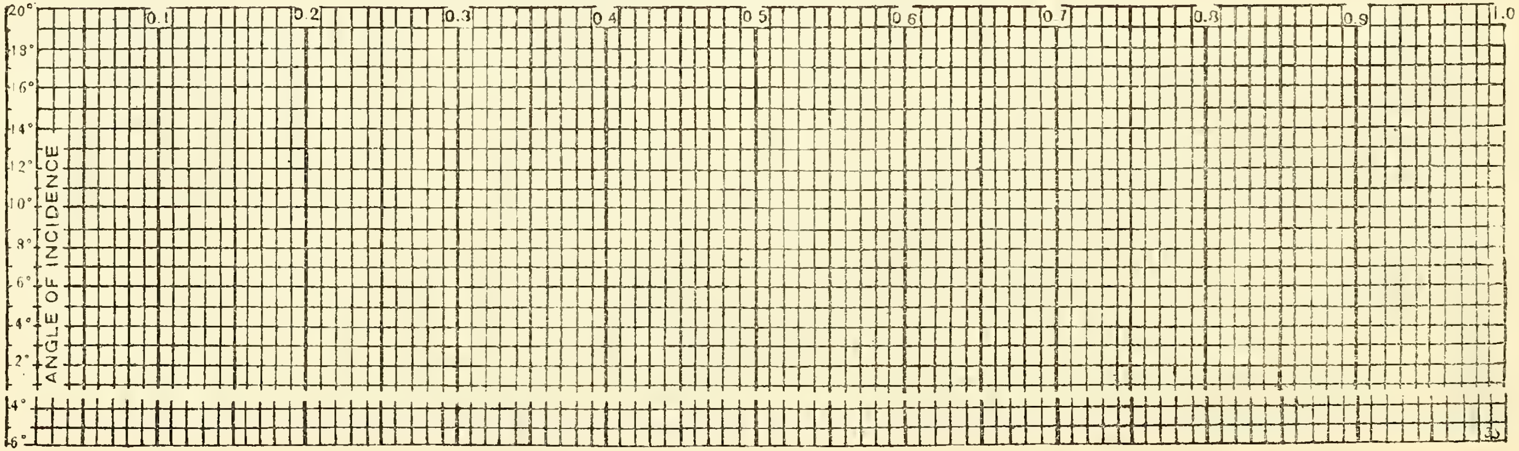
AEROFOIL, U. S. A. T. S. No. 15.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 16.



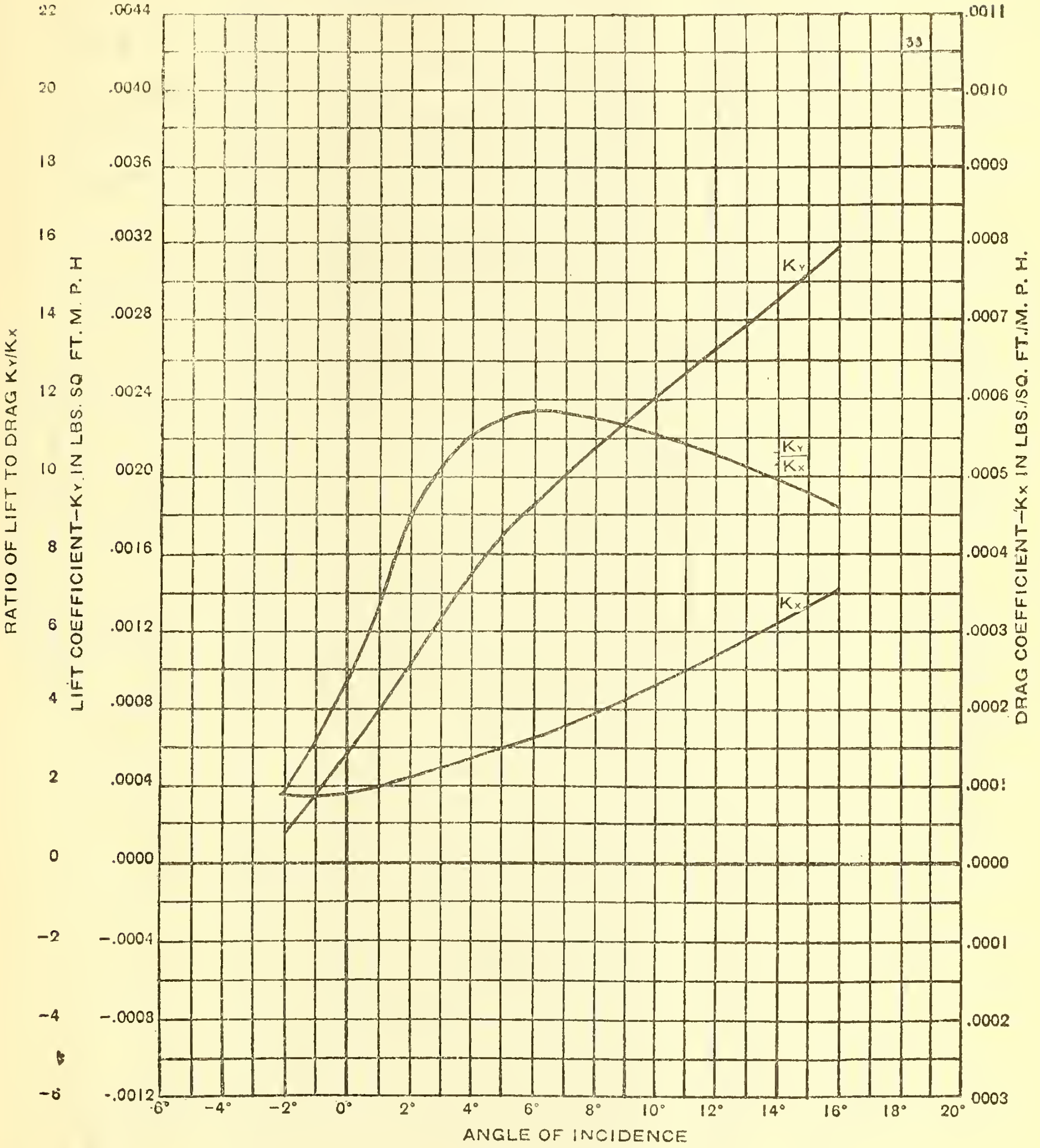

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.02	.10	.20	.30	.40	.50	.60	.70	.80	.90	.98	1.00
Upper camber	.02	.051	.101	.133	.1475	.149	.14	.124	.1015	.077	.05	.025	.01
Lower camber	.02	0	−.026	−.047	−.055	−.059	−.057	−.05	−.04	−.026	−.011	0	.01

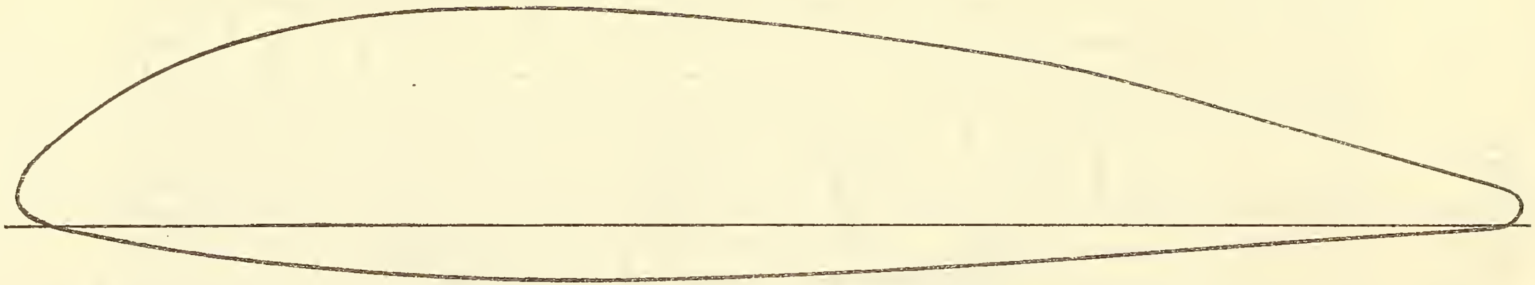
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 16.

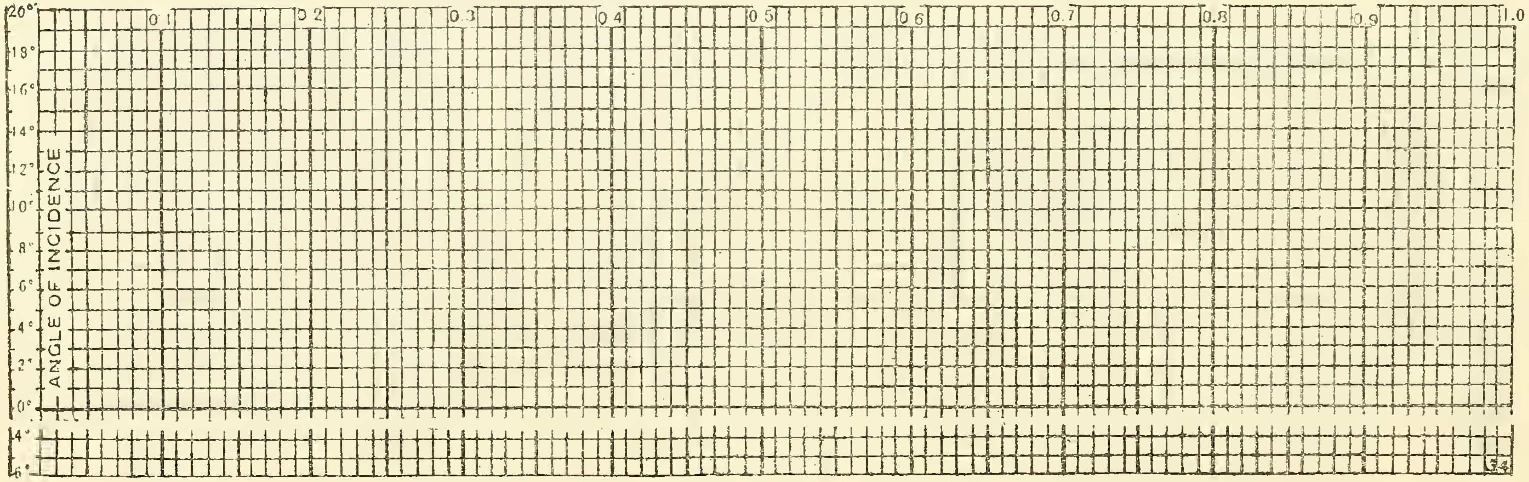
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 17.



CURVE OF CENTER OF PRESSURE TRAVEL

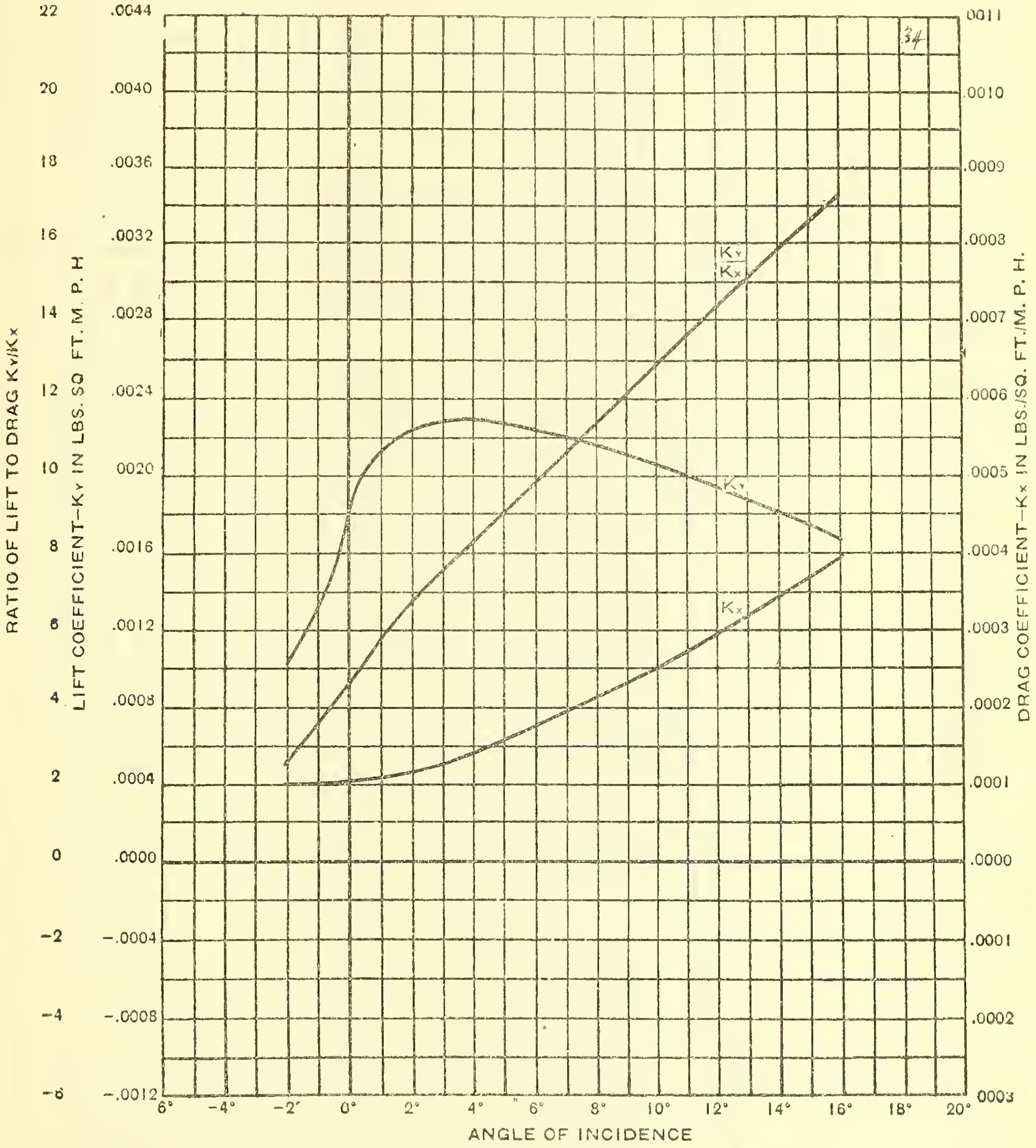


Distance from leading edge	0	.02	.10	.20	.30	.40	.50	.60	.70	.80	.90	.98	1.00
Upper camber	.02	.051	.1015	.1325	.148	.148	.136	.12	.10	.072	.046	.022	.01
Lower camber	.02	0	−.011	−.021	−.027	−.03	−.03	−.025	−.02	−.015	−.0025	0	.01

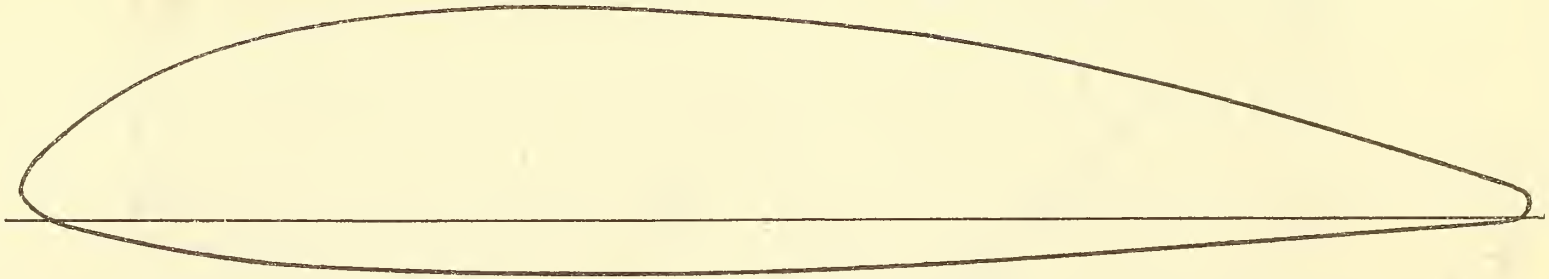
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. A. T. S. No. 17.

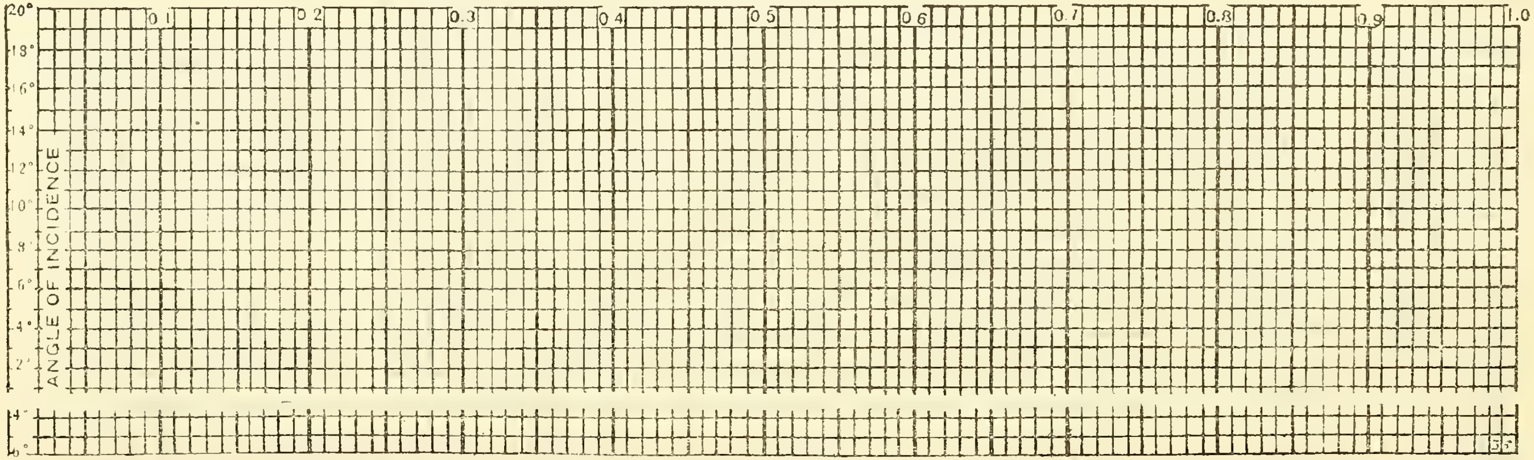
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, U. S. A. T. S. No. 18.



CURVE OF CENTER OF PRESSURE TRAVEL

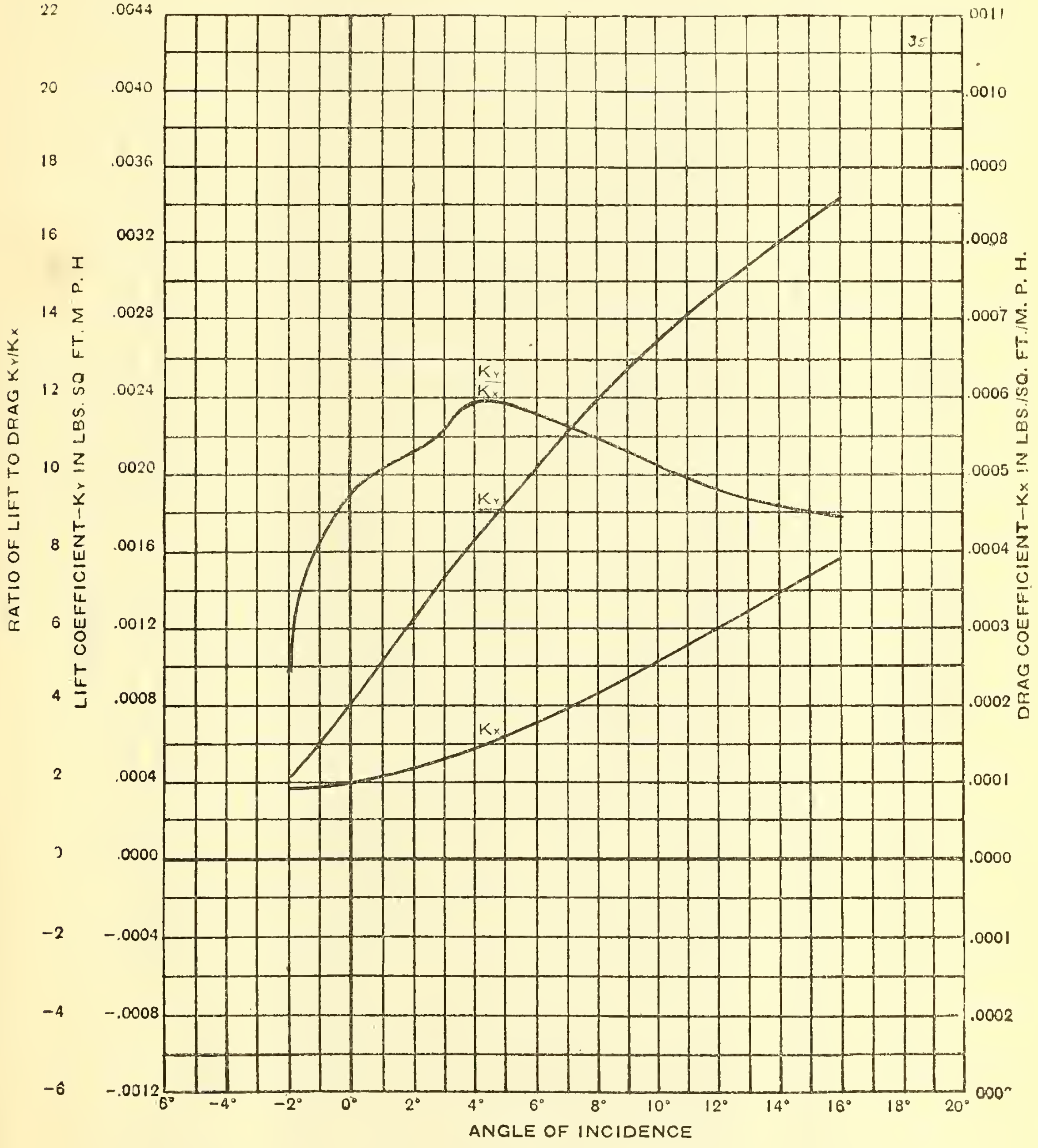


Distance from leading edge	0	.02	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.02	.05	.10	.1325	.149	.149	.139	.121	.10	.074	.048	.02	.01
Lower camber	.02	0	−.02	−.03	−.037	−.0398	−.037	−.03	−.025	−.019	−.01	0	.01

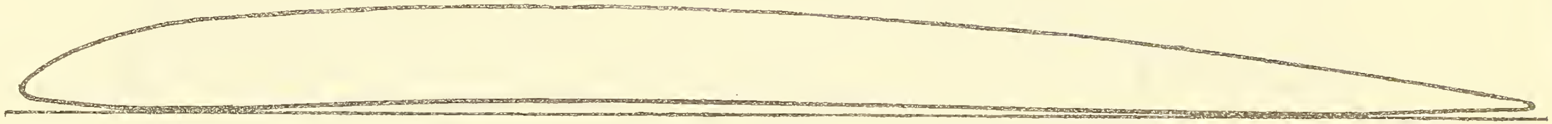
All dimensions given as decimal parts of chord.

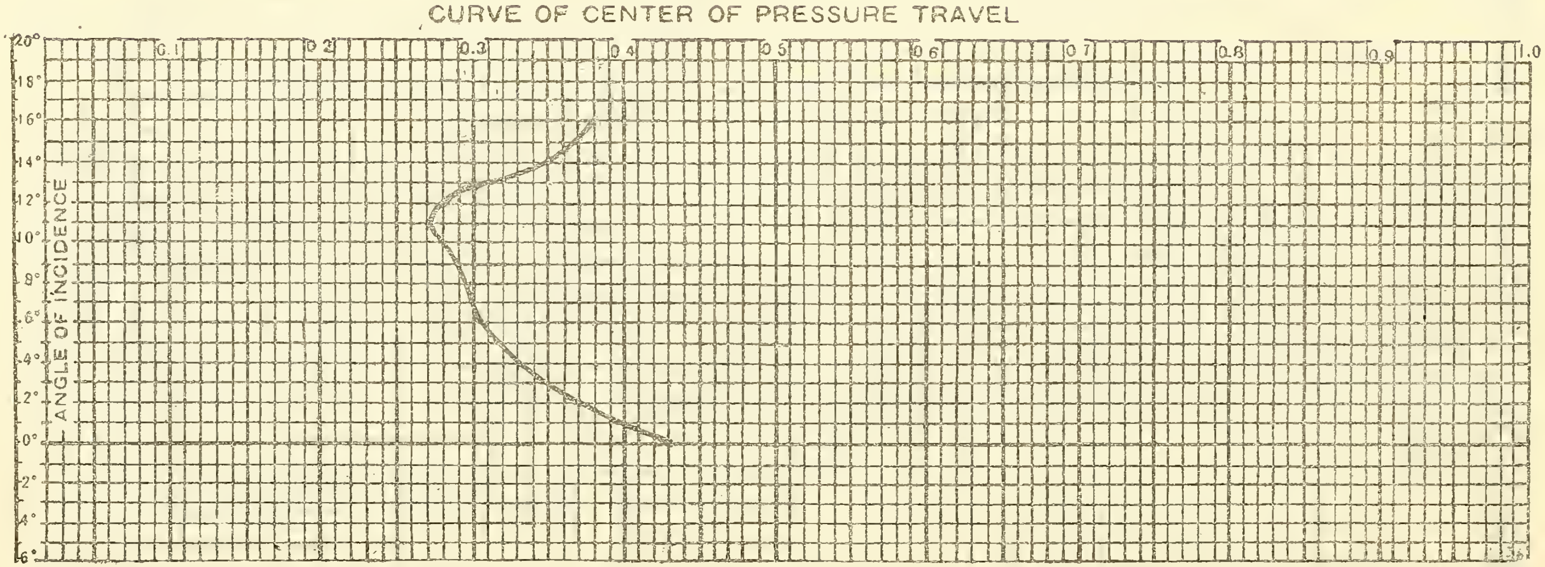
AEROFOIL, U. S. A. T. S. No. 18.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL U. S. D9-A.



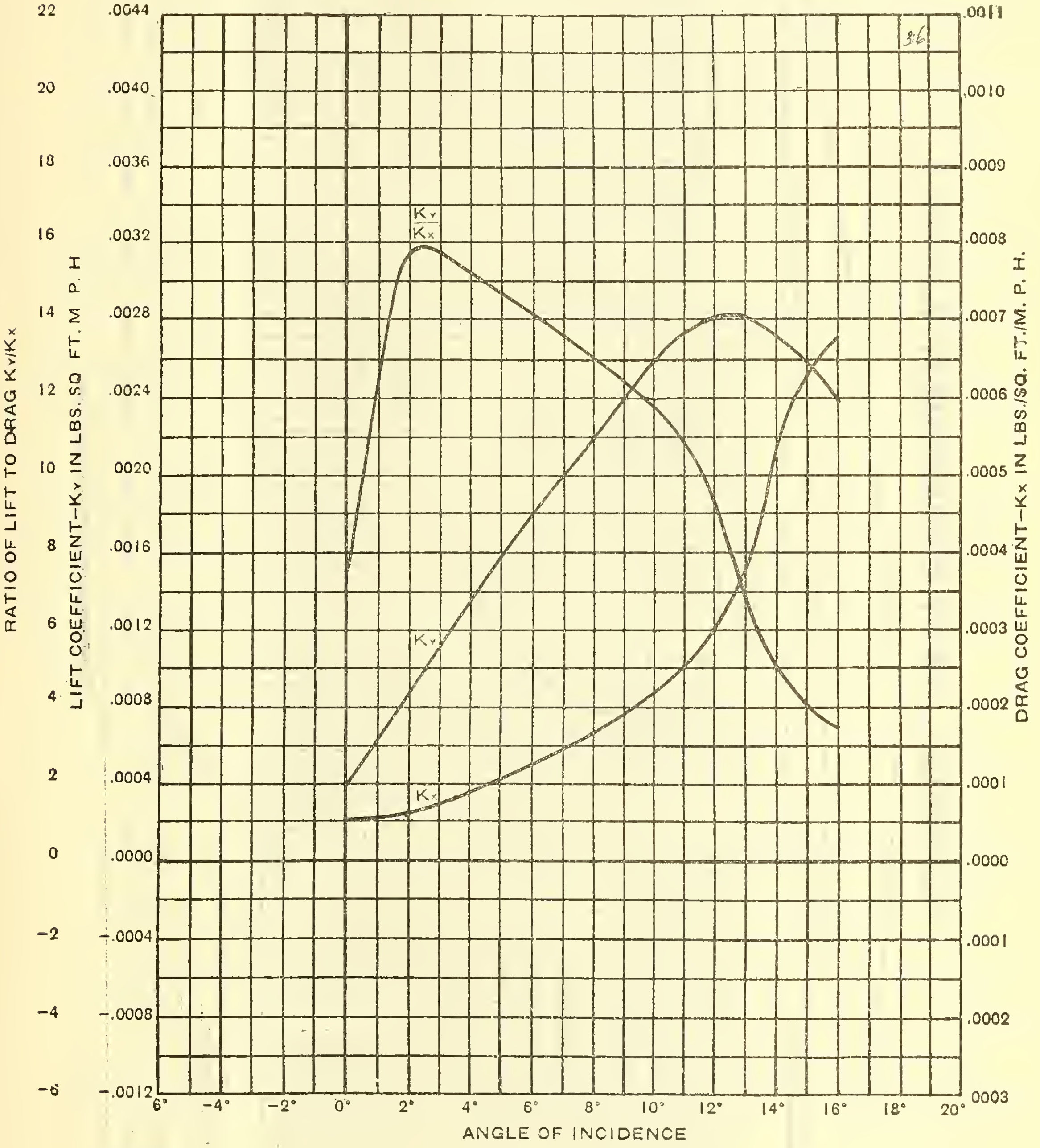


Distance from leading edge	0	.0125	.025	.0375	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01313	.0268	.0347	.0408	.046	.0539	.0591	.0644	.0662	.0675	.0662	.0636	.0596	.0535	.0424	.0268	.00588
Lower camber	.01313	.00543	.0034	.00204	.00113	.00045	0	.00113	.00294	.00657	.00588	.00407	.00226	.00068	0	.00068	.00588

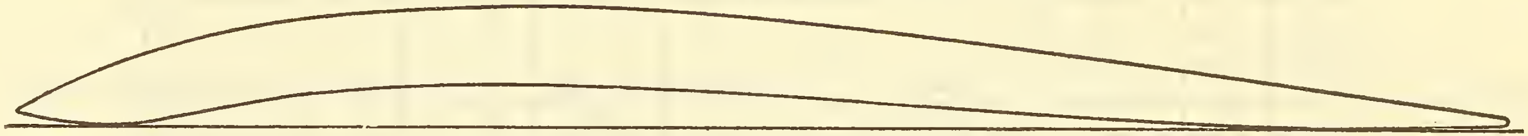
All dimensions given as decimal parts of chord.

AEROFOIL, U. S. D9–A.

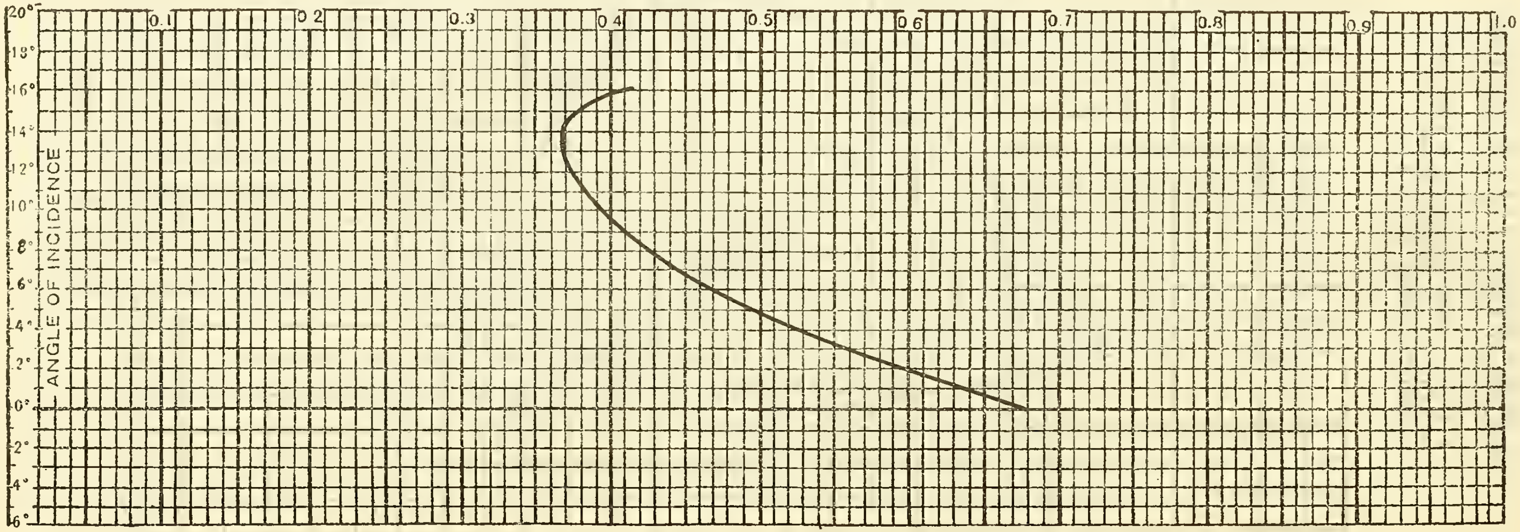
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, NAVY EXPERIMENTAL No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

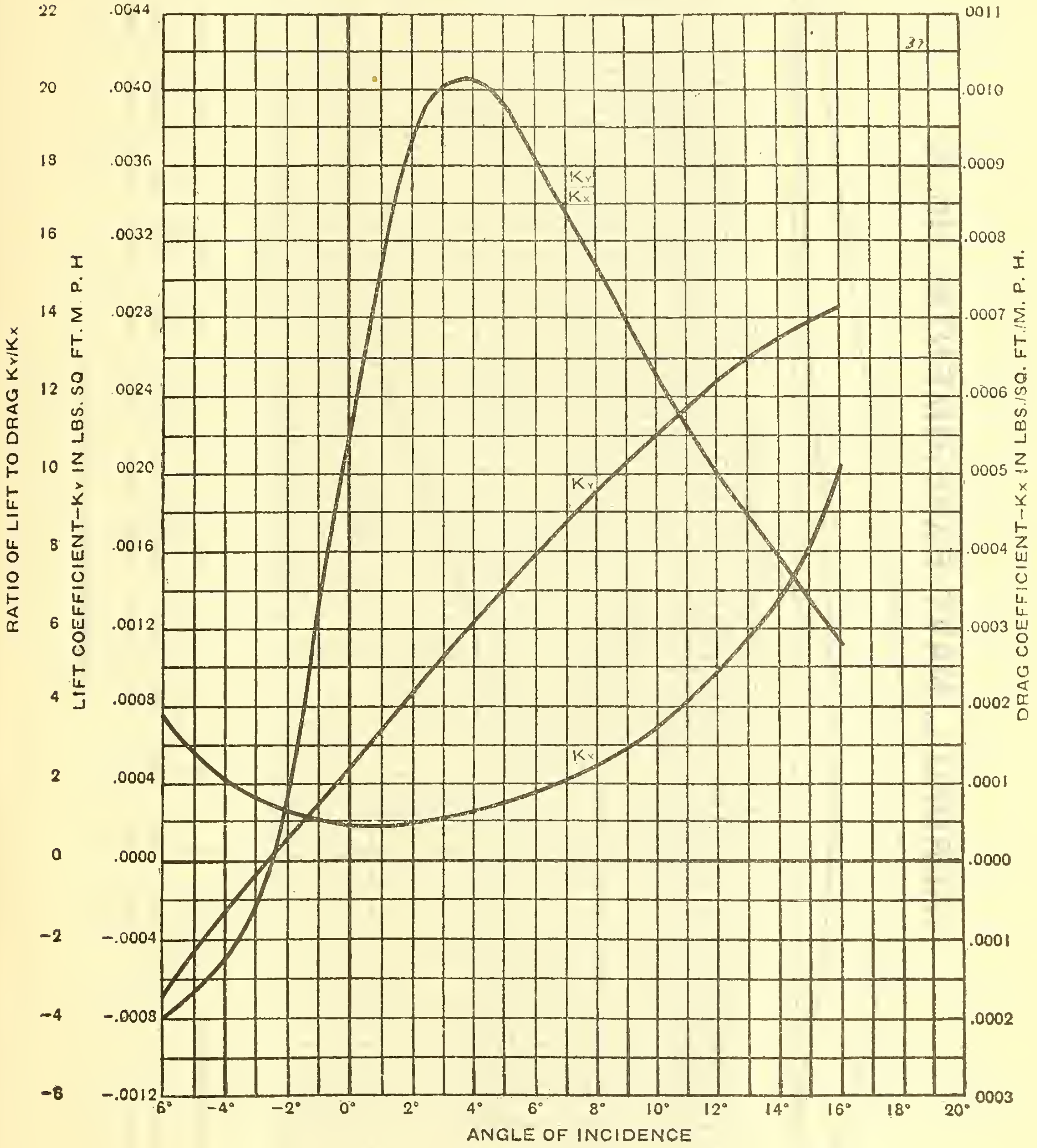


Distance from leading edge	0	.02	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	.93	1.00
Upper camber	.01018	.0224	.0366	.0465	.05265	.07175	.07870	.0768	.0706	.0607	.0477	.0346	.0215	....	.00814
Lower camber	.01018	.0033	0	.0031	.00687	.02228	.02954	.02725	.02062	.0121	.00573	.00229	.00051	0	.00229

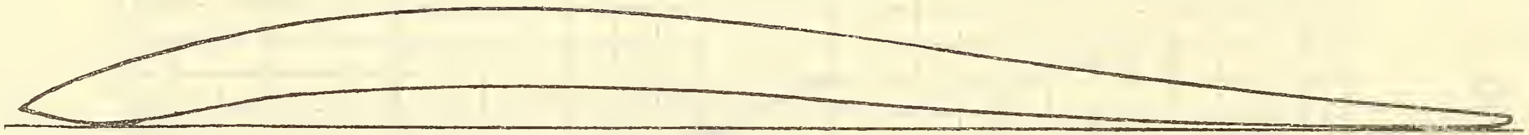
All dimensions given as decimal parts of chord.

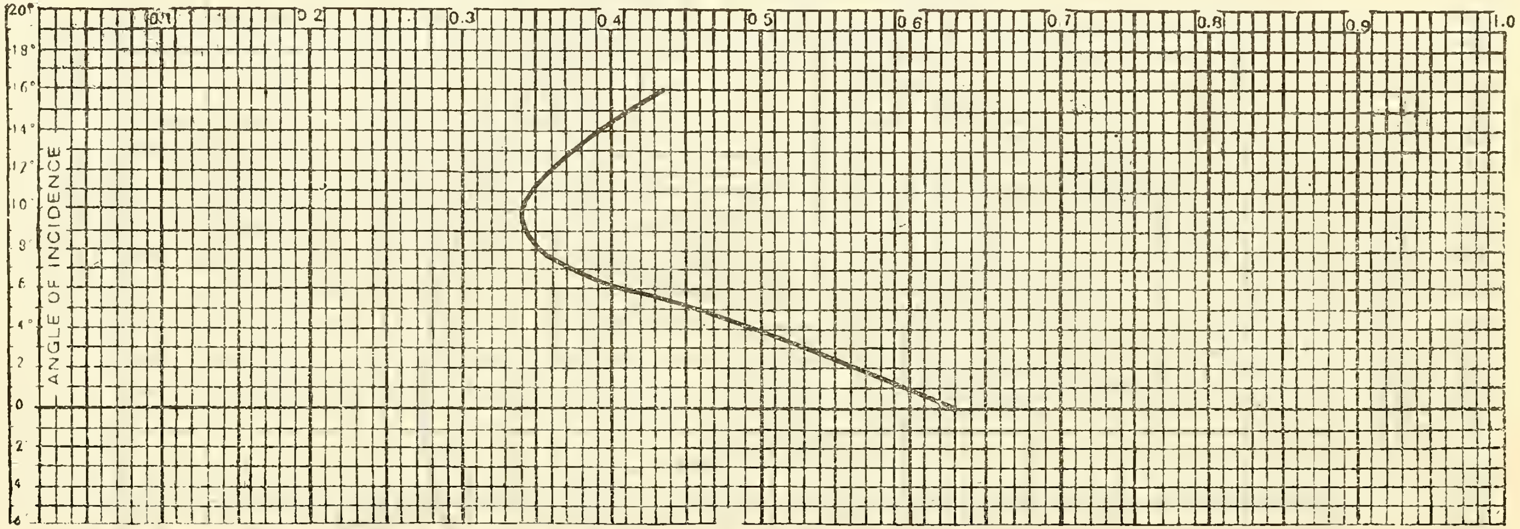
AEROFOIL, NAVY EXPERIMENTAL NO. 1.

SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, NAVY EXPERIMENTAL No. 2.





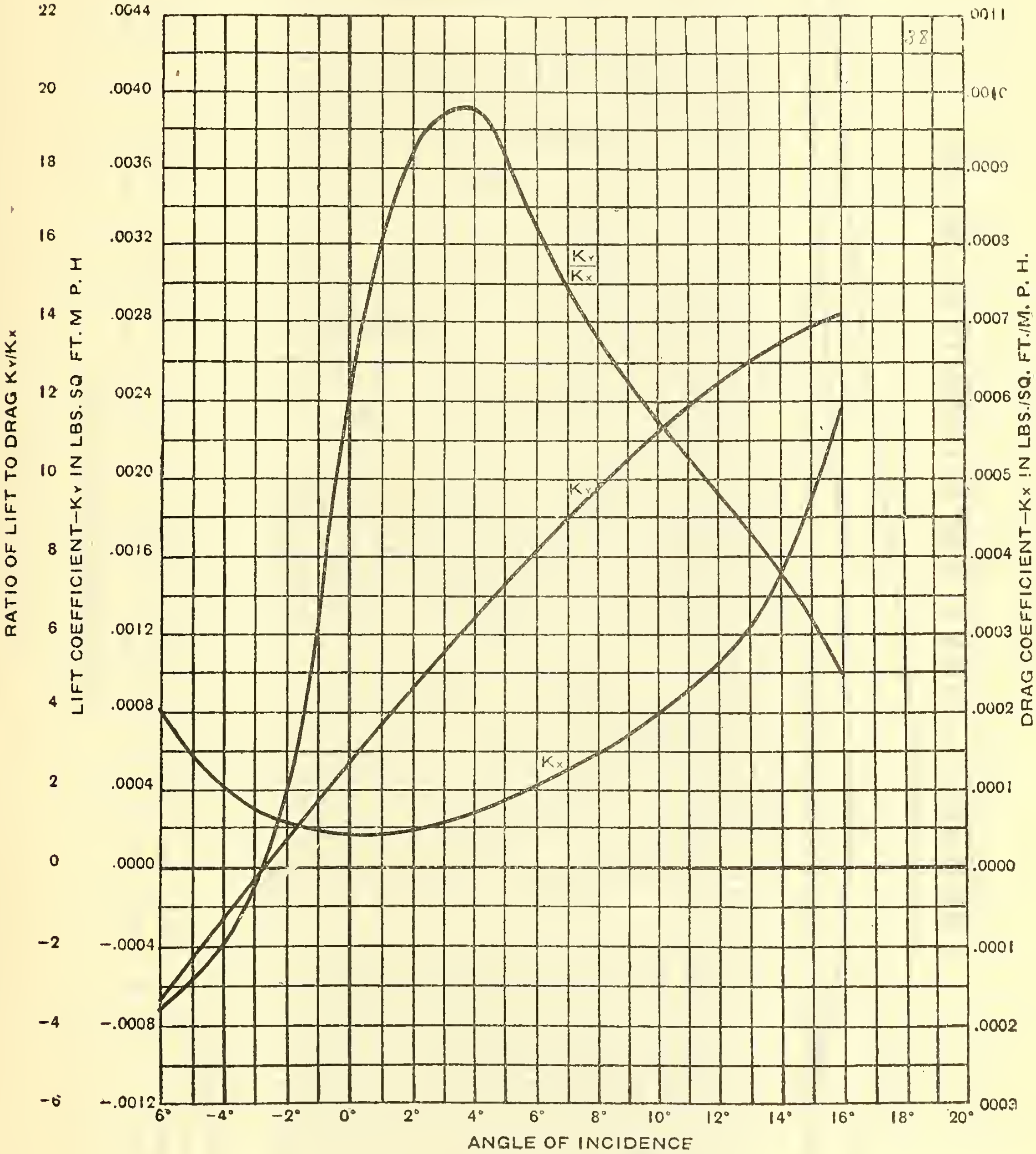
CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.02	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	.93	1.00
Upper camber	.01018	.0224	.0366	.0465	.05265	.07175	.07870	.0745	.0656	.0531	.041	.02905	.0181	....	.0084
Lower camber	.01018	.0033	0	.0031	.00687	.02228	.02954	.02725	.02062	.0121	.00573	.00229	.00051	0	.00229

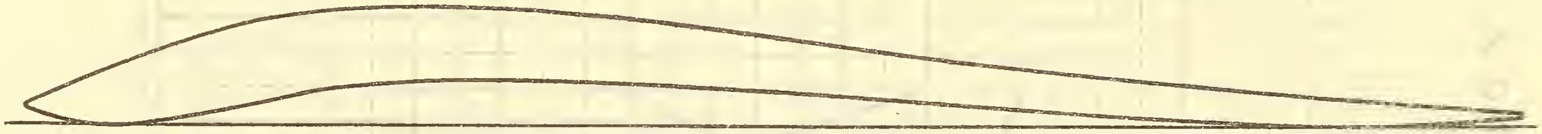
All dimensions given as decimal parts of chord

AEROFOIL, NAVY EXPERIMENTAL No. 2.

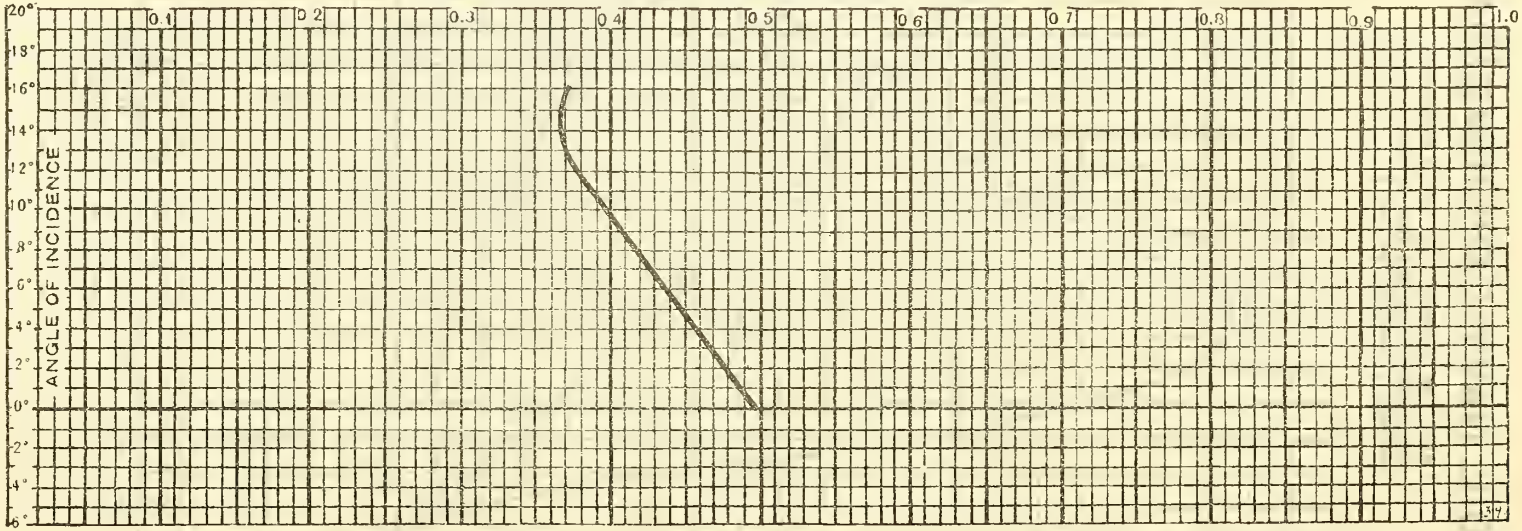
SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, NAVY EXPERIMENTAL No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

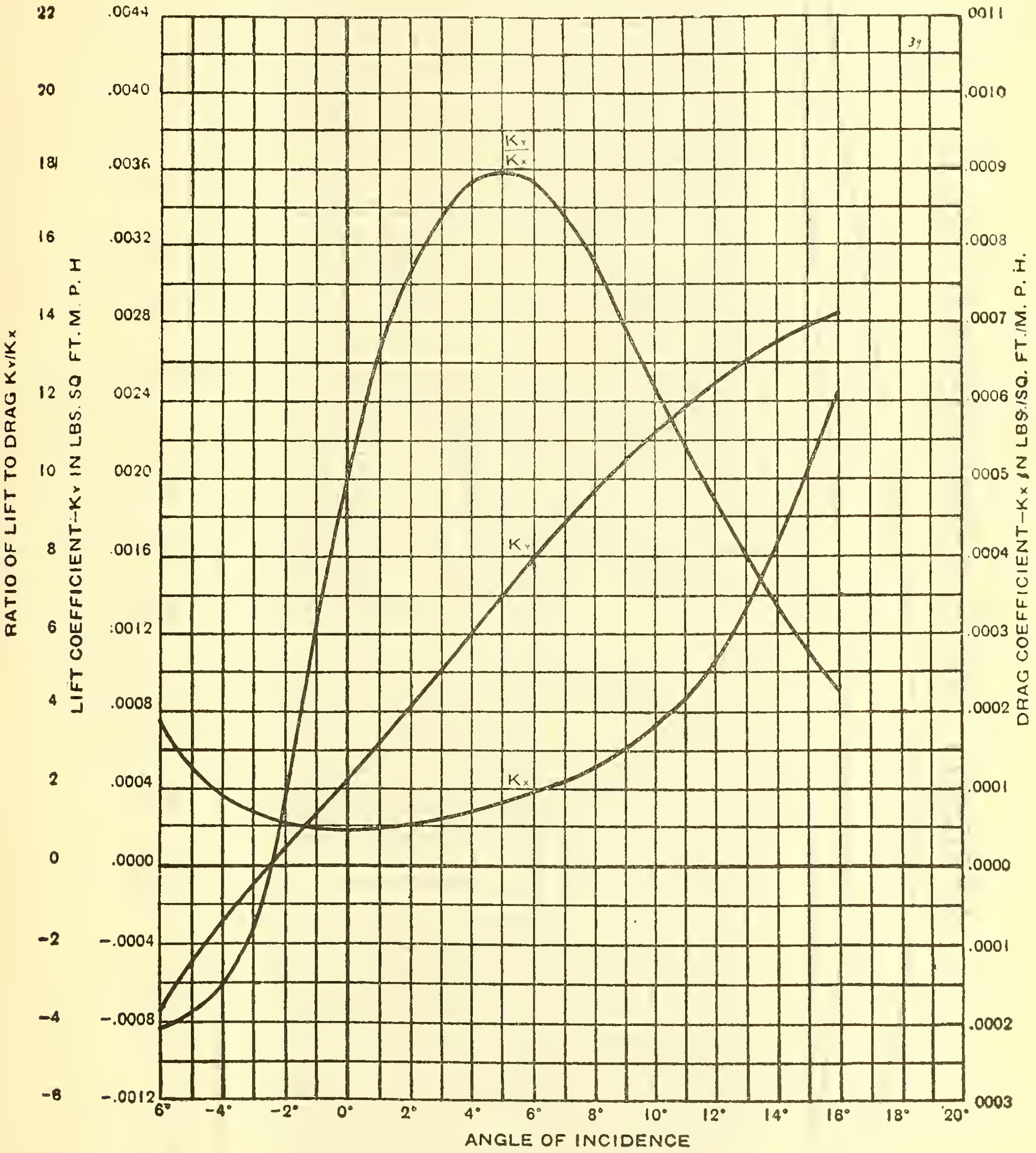


Distance from leading edge	0	.02	.05	.08	.10	.20	.39	.40	.50	.60	.70	.80	.90	.93	1.00
Upper camber	.01018	.0224	.0366	.0465	.05265	.07175	.07870	.07190	.05925	.04575	.03356	.02355	.01502	....	.00814
Lower camber	.01018	.0033	0	.0031	.00687	.02228	.02954	.02725	.02062	.0121	.00573	.00229	.00051	0	.00229

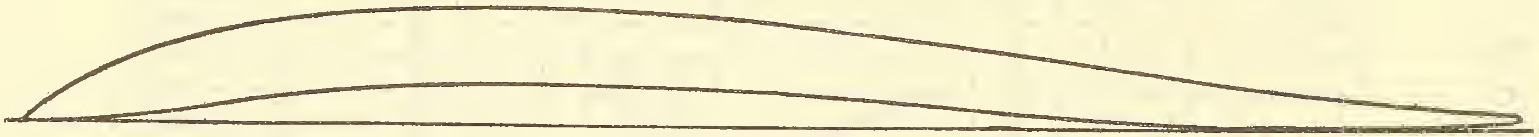
All dimensions given as decimal parts of chord.

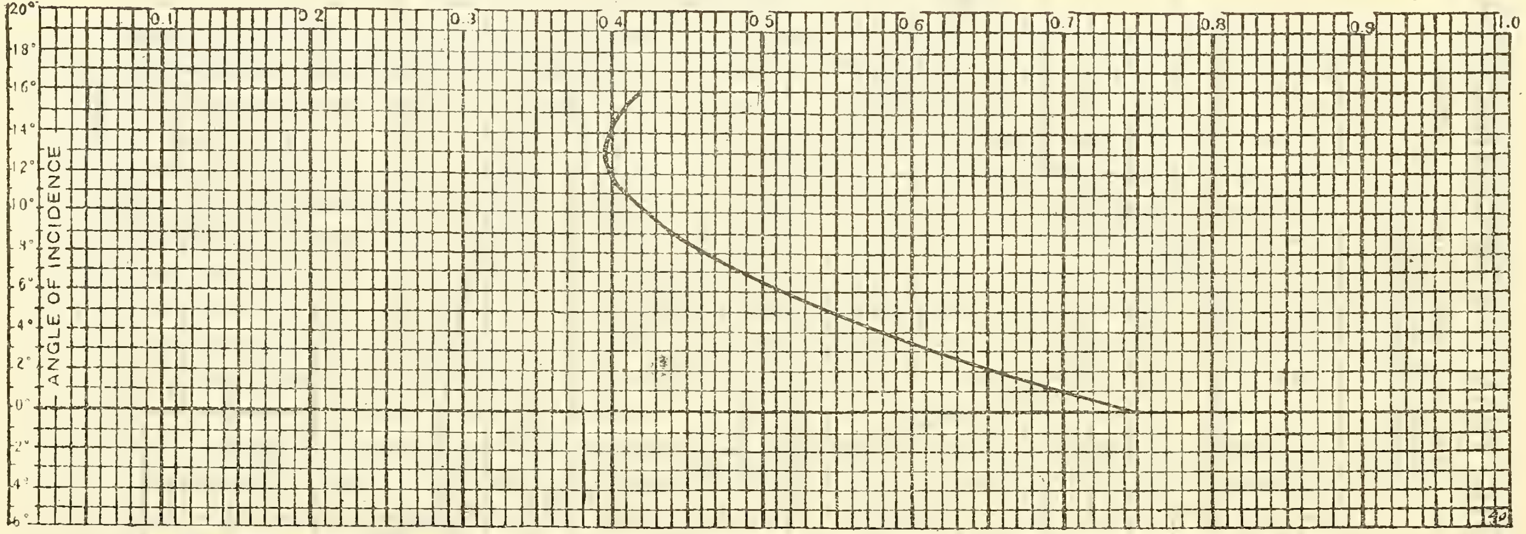
AEROFOIL, NAVY EXPERIMENTAL No. 3.

SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, NAVY EXPERIMENTAL No. 4.



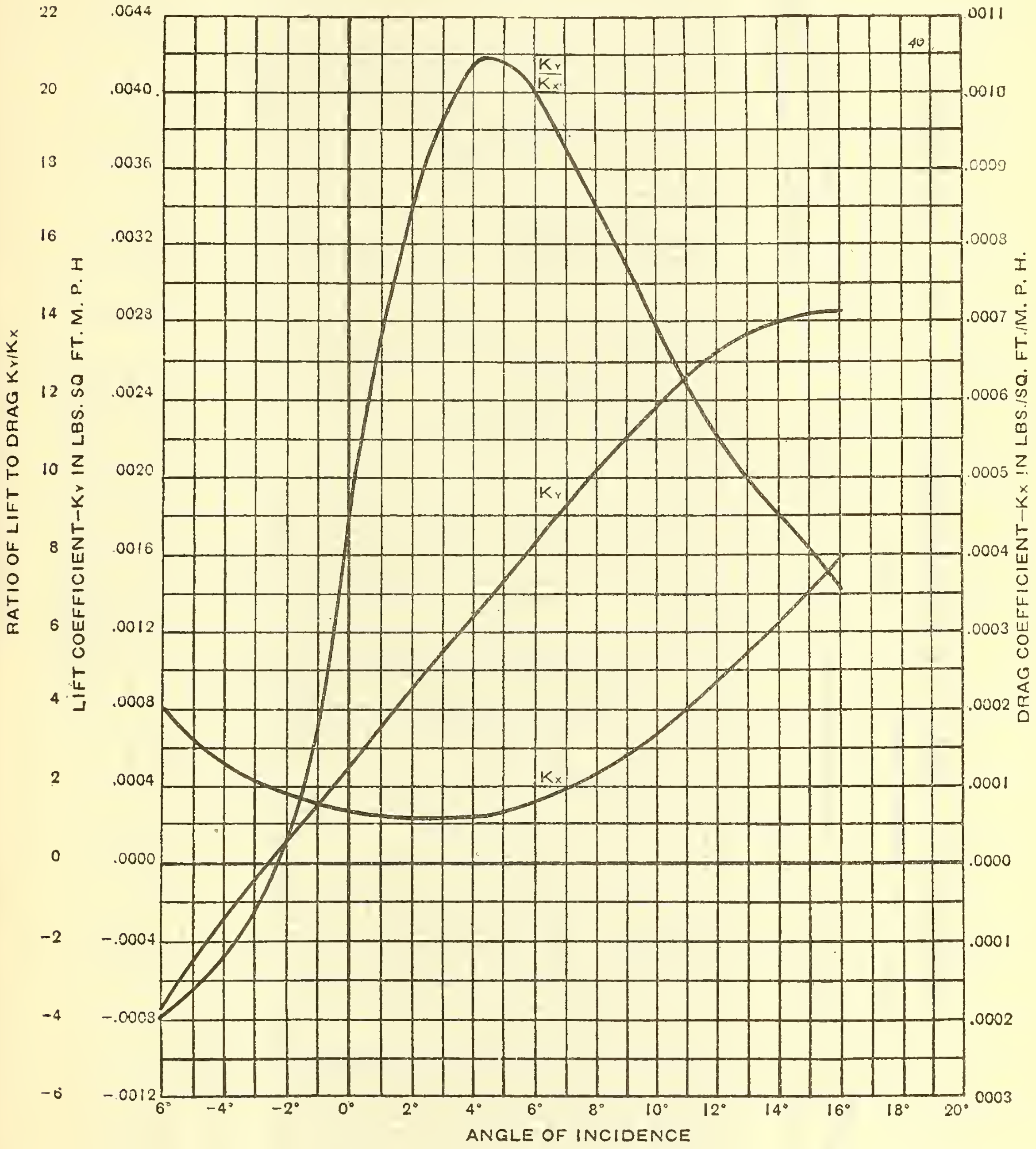

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.01	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	.92	.95	.98	1.00
Upper camber	0	.012	.021	.035	.047	.052	.071	.078	.075	.065	.053	.041	.029	.018	.015	.012	.009	.008
Lower camber	0	.0005	.0012	.0032	.006	.007	.022	.029	.027	.024	.012	.005	.002	0	.00025	.0005	.0012	.002

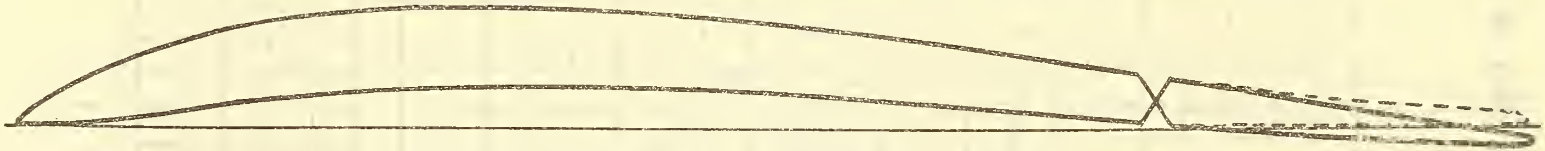
All dimensions given as decimal parts of chord.

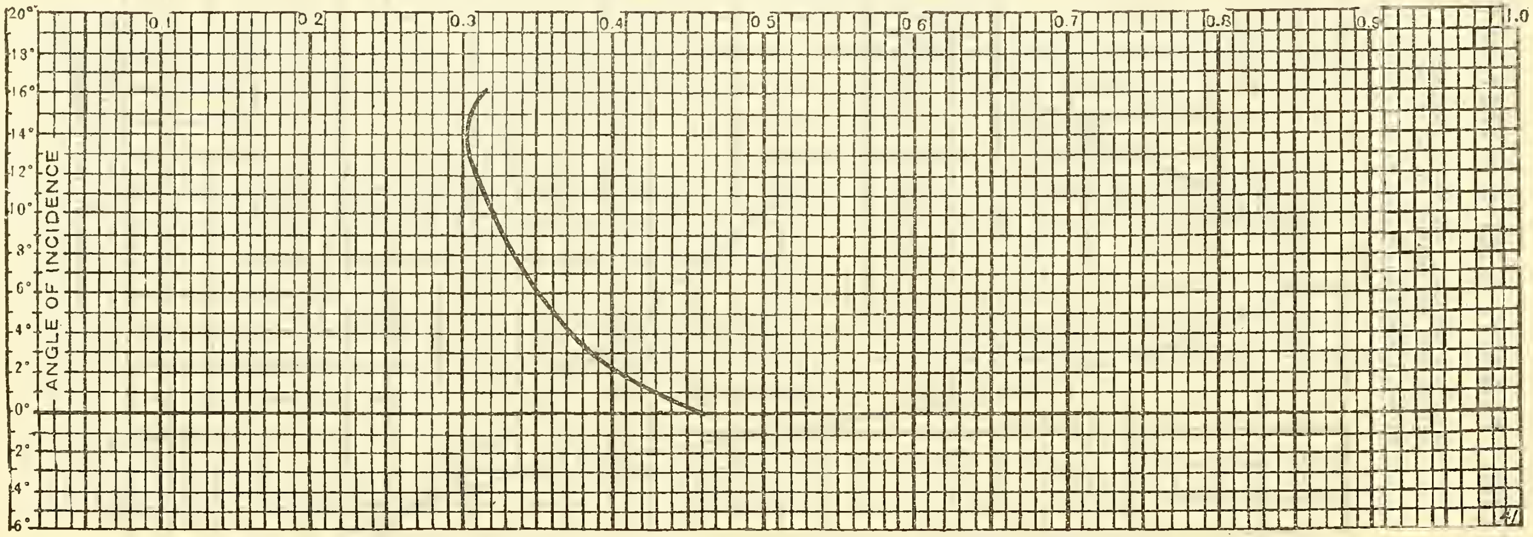
AEROFOIL, NAVY EXPERIMENTAL No. 4.

SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, NAVY EXPERIMENTAL No. 4 (HINGED).



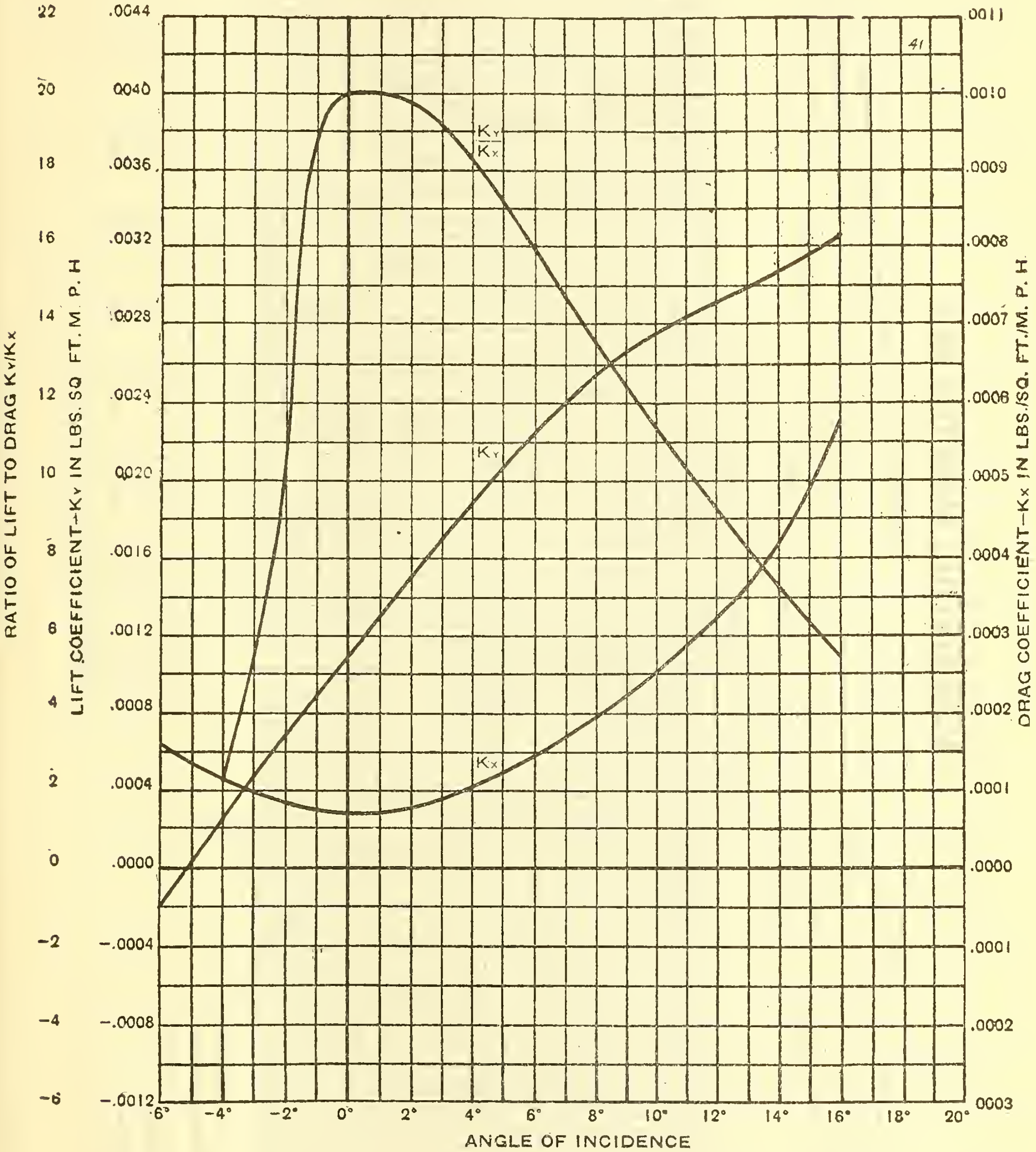

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.01	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.012	.021	.035	.047	.052	.071	.078	.075	.065	.053	.041	.025	.008	—.01
Lower camber	0	.0005	.0012	.0032	.006	.007	.022	.029	.027	.024	.012	.005	—.002	—.010	—.014

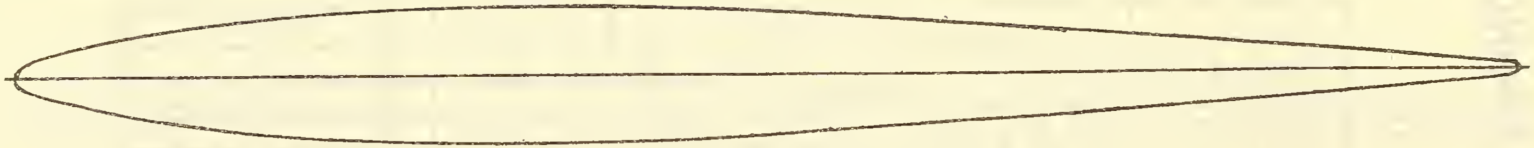
All dimensions given as decimal parts of chord.

AEROFOIL, NAVY EXPERIMENTAL No. 4 (HINGED).

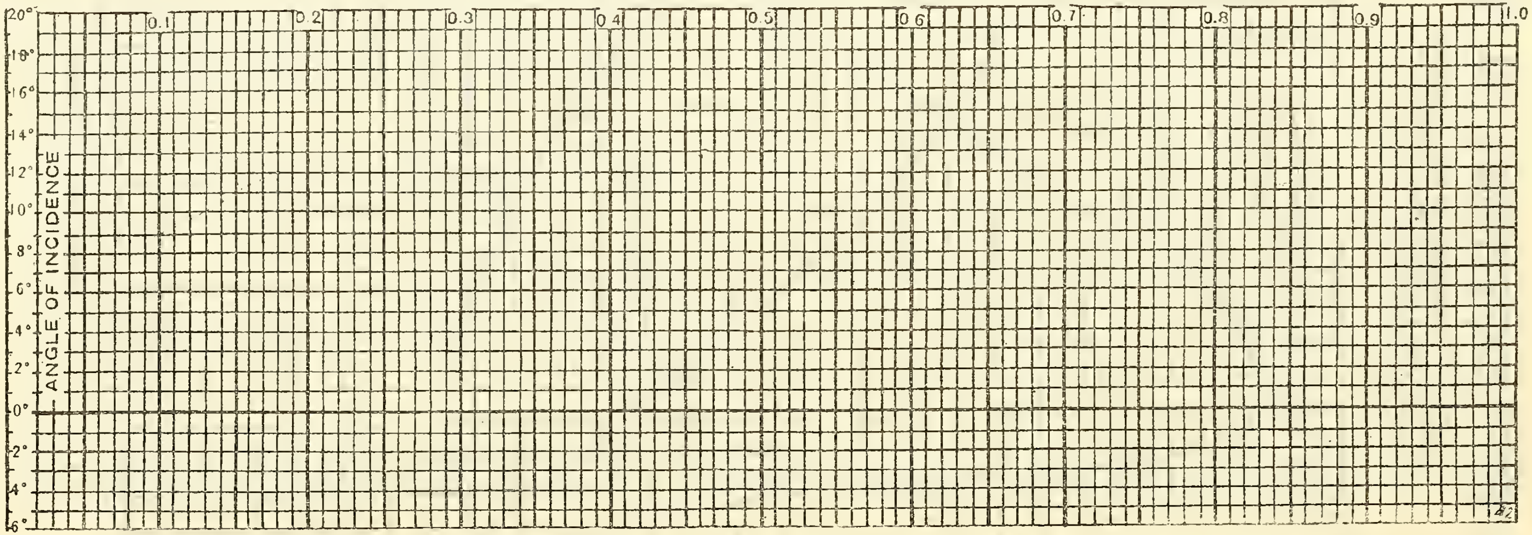
SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL. W. N, Y.



AEROFOIL, MARTIN M-I.



CURVE OF CENTER OF PRESSURE TRAVEL

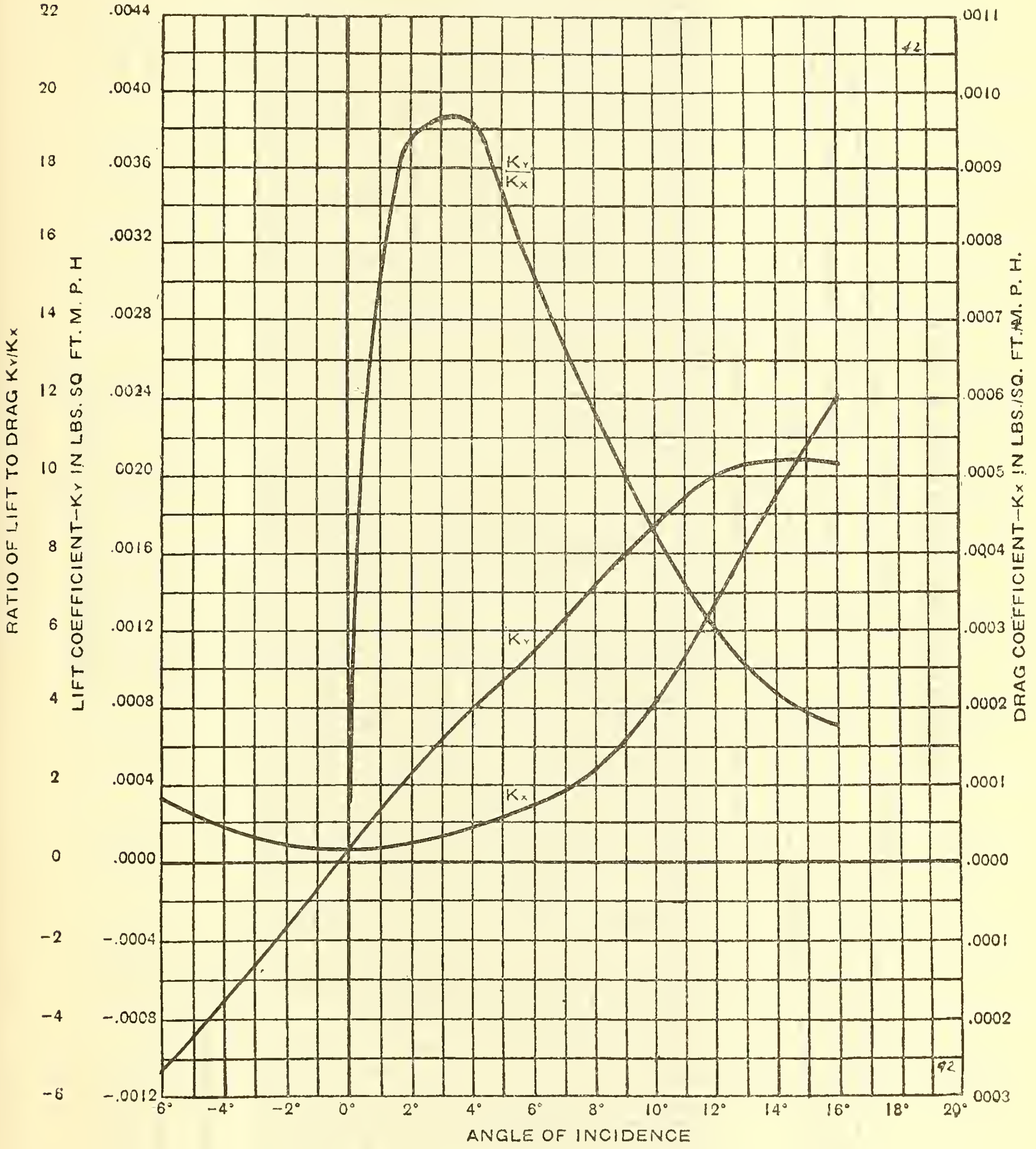


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.027	.038	.044	.042	.04	.034	.027	.02	.011	0
Lower camber	0	−.027	−.038	−.044	−.042	−.04	−.034	−.027	−.02	−.011	0

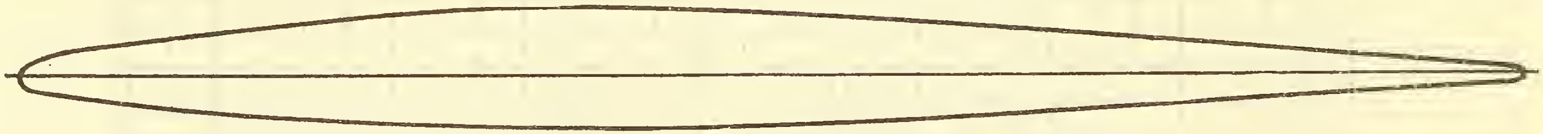
All dimensions given as decimal parts of chord.

AEROFOIL, MARTIN M-I.

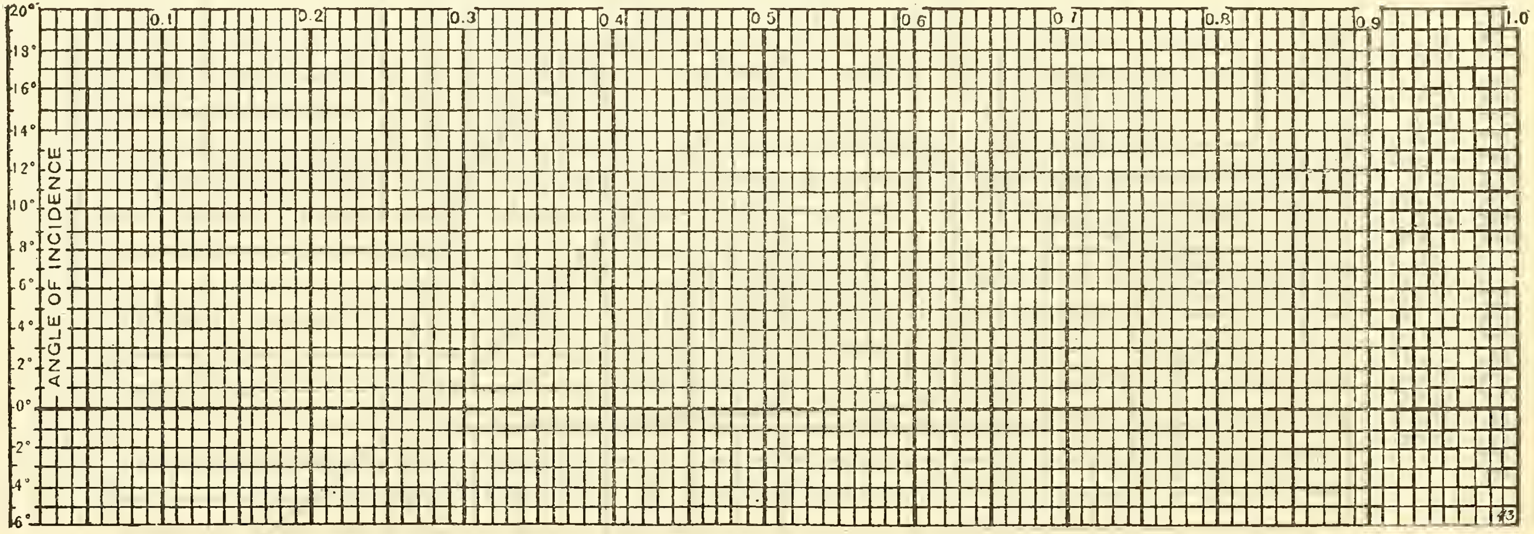
SIZE OF MODEL, 48 BY 8 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, MARTIN M-II.



CURVE OF CENTER OF PRESSURE TRAVEL

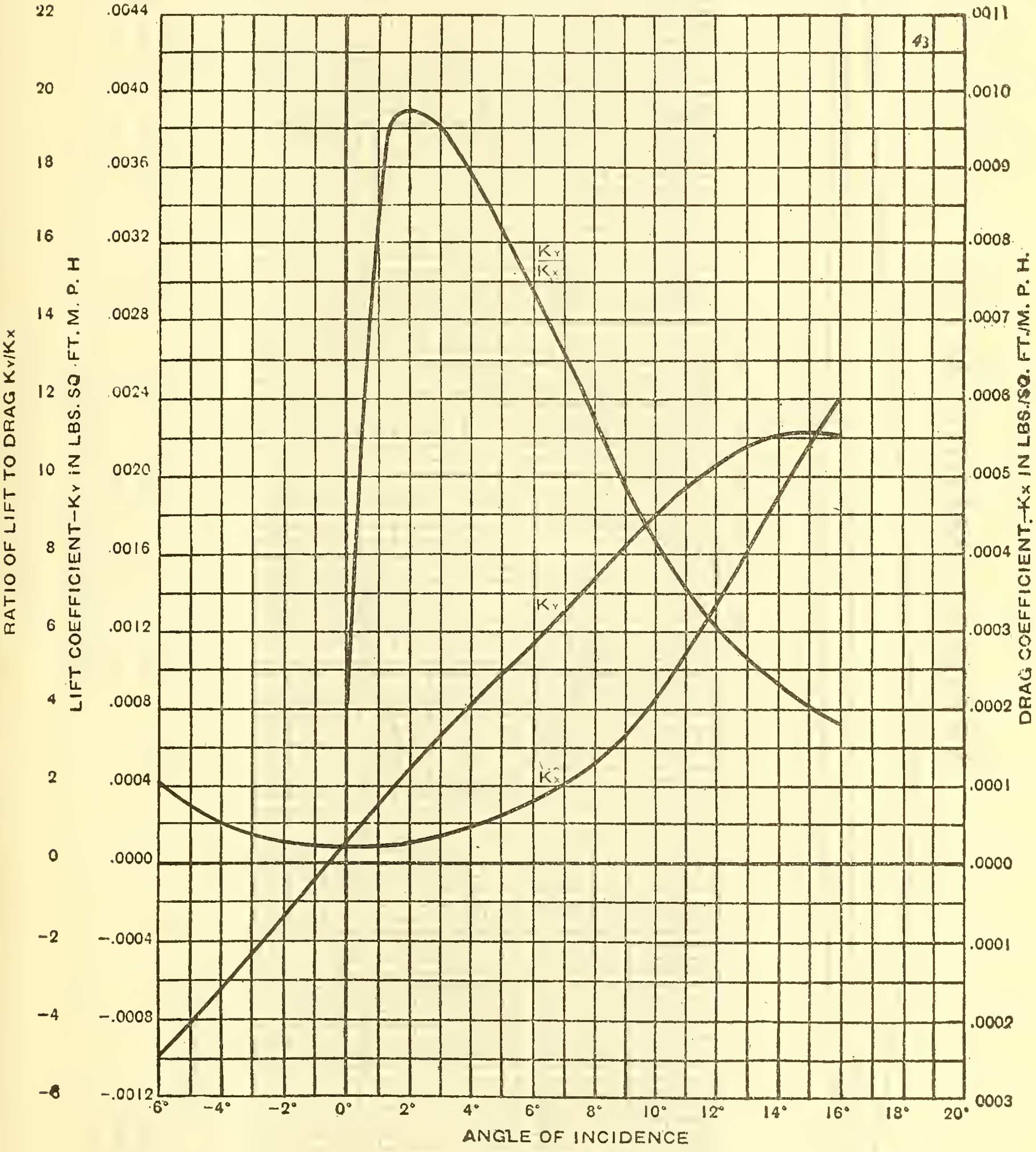


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.025	.035	.041	.041	.037	.032	.027	.02	.01	0
Lower camber	0	−.02	−.031	−.037	−.037	−.033	−.025	−.02	−.015	−.01	0

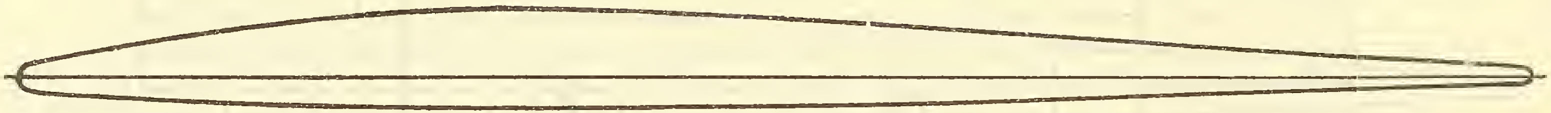
All dimensions given as decimal parts of chord.

AEROFOIL, MARTIN M-II.

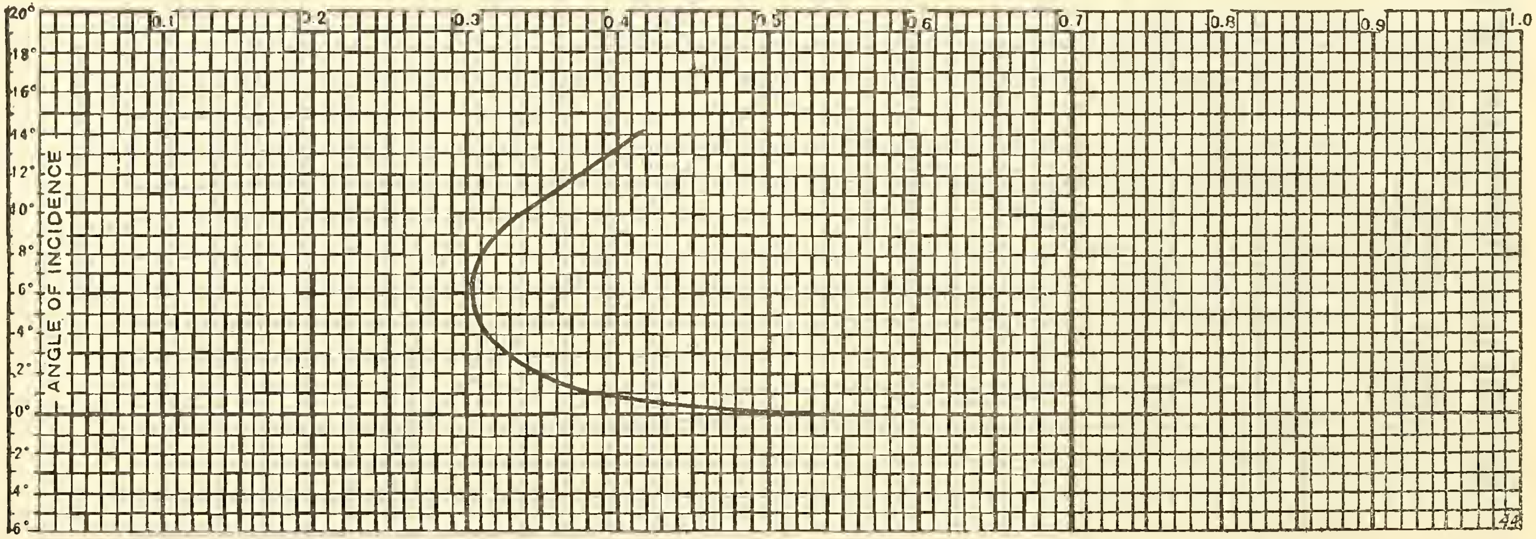
SIZE OF MODEL, 48 BY 8 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, MARTIN M-III.



CURVE OF CENTER OF PRESSURE TRAVEL

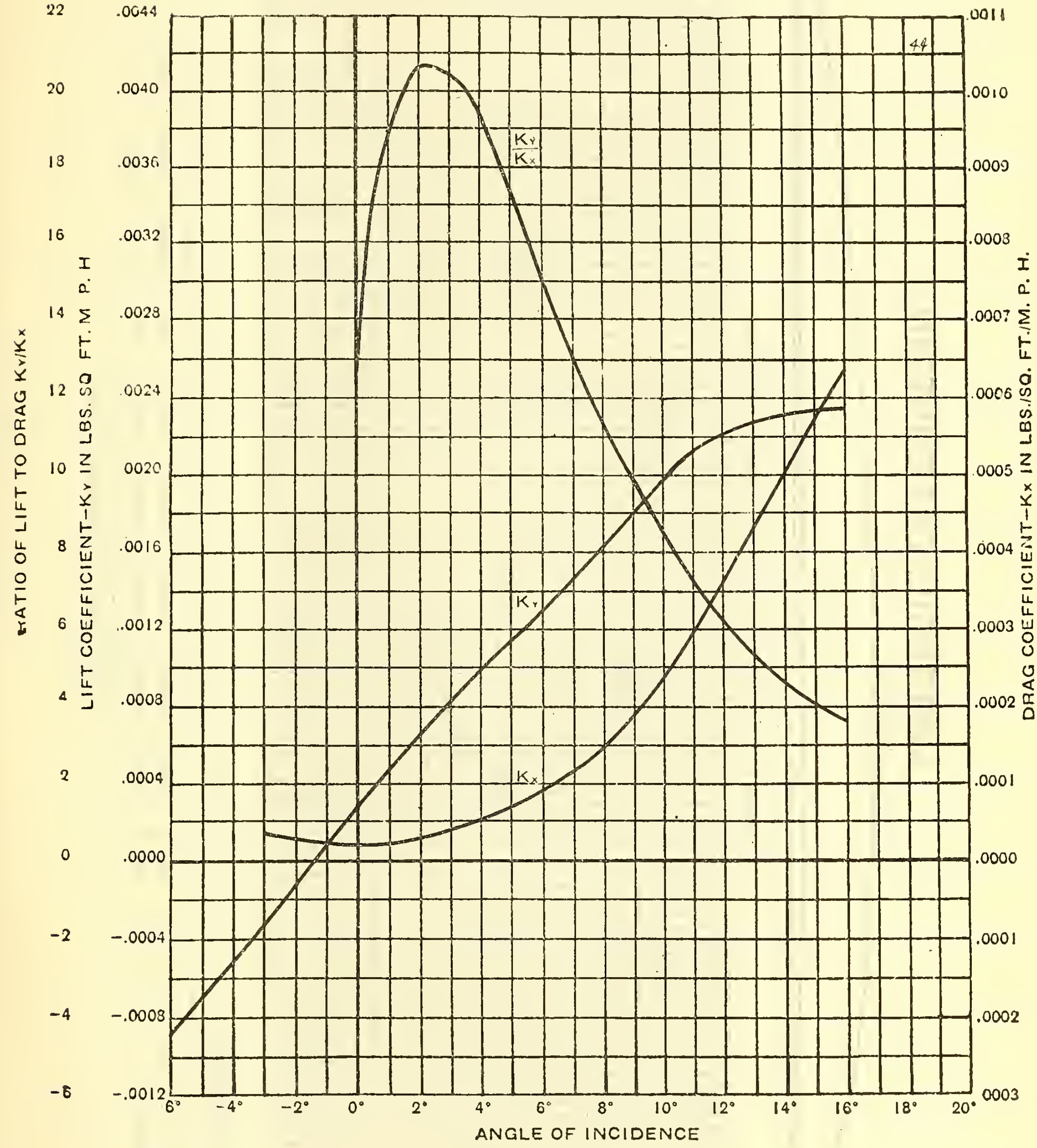


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.025	.037	.043	.04	.037	.032	.026	.02	.01	0
Lower camber	0	–.015	–.02	–.021	–.022	–.02	–.017	–.013	–.01	–.007	0

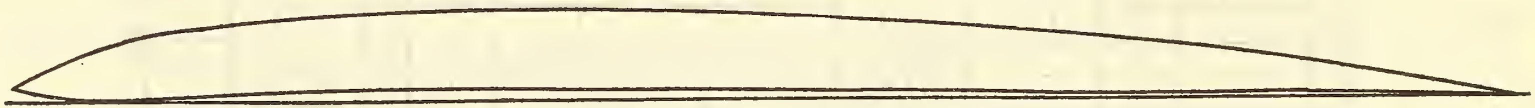
All dimensions given as decimal parts of chord.

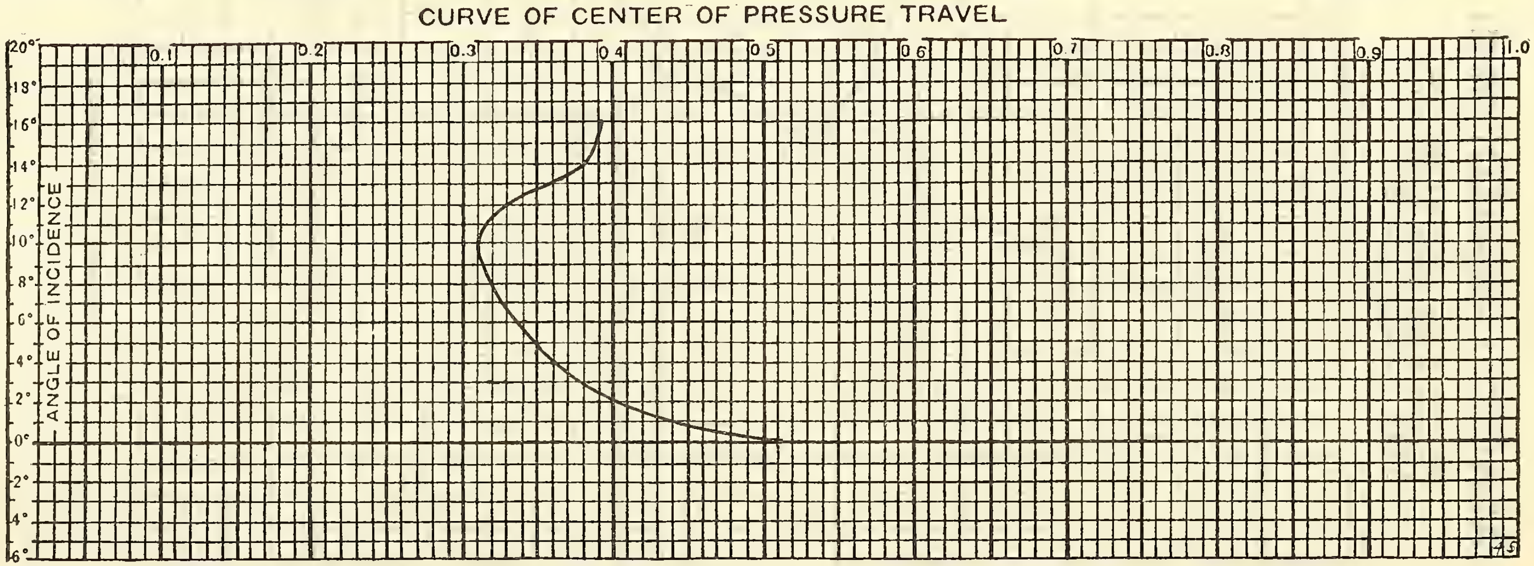
AEROFOIL, MARTIN M-III.

SIZE OF MODEL, 48 BY 8 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, OFFENSTEIN. I



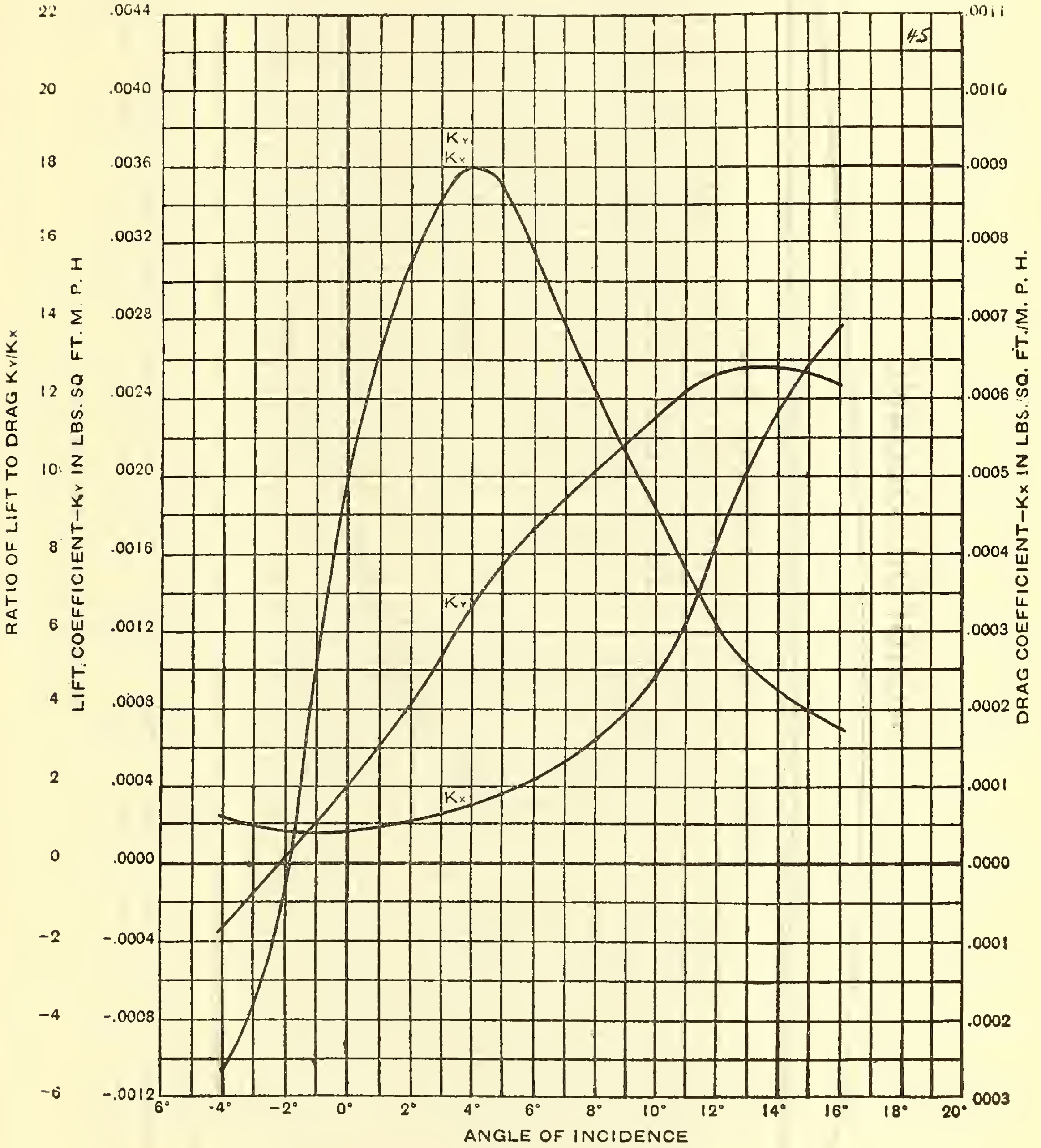

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.03572	.0465	.0556	.0584	.0579	.0551	.05045	.0436	.03419	.01962	0
Lower camber	.01	.000357	.001071	.00478	.00666	.00631	.00512	.00429	.003214	.001904	.000834	0

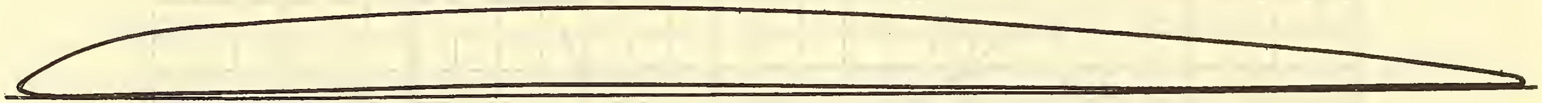
All dimensions given as decimal parts of chord.

AEROFOIL, OFFENSTEIN.

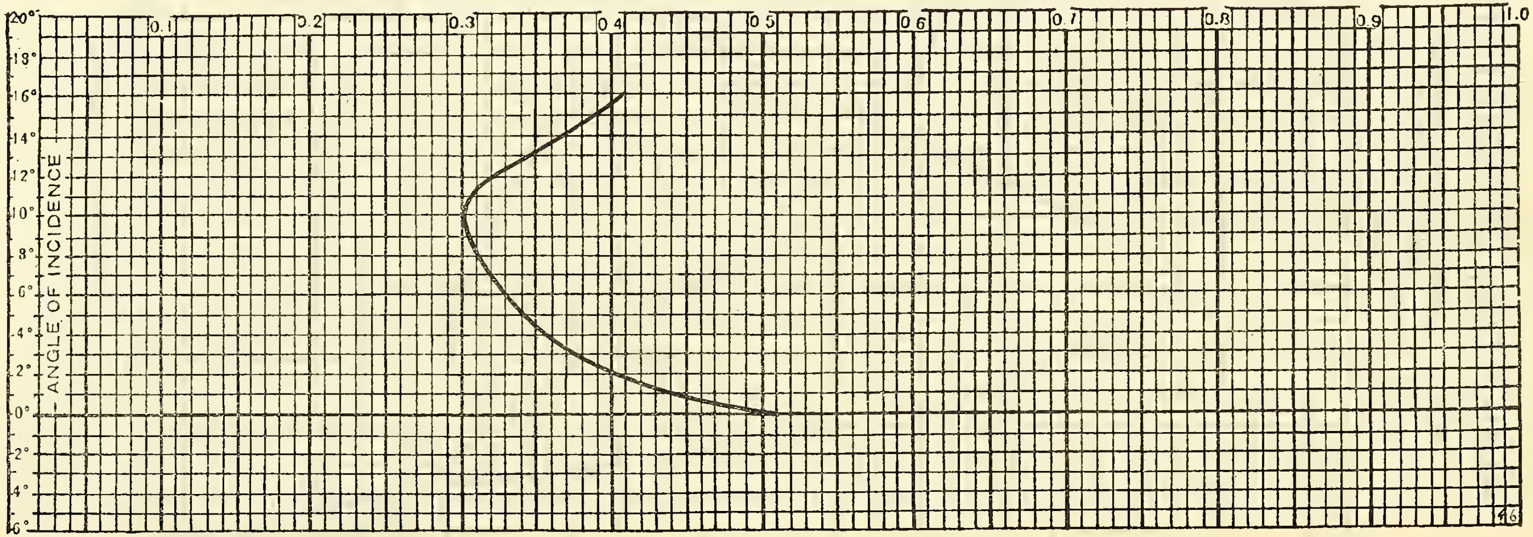
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, SLOANE.



CURVE OF CENTER OF PRESSURE TRAVEL

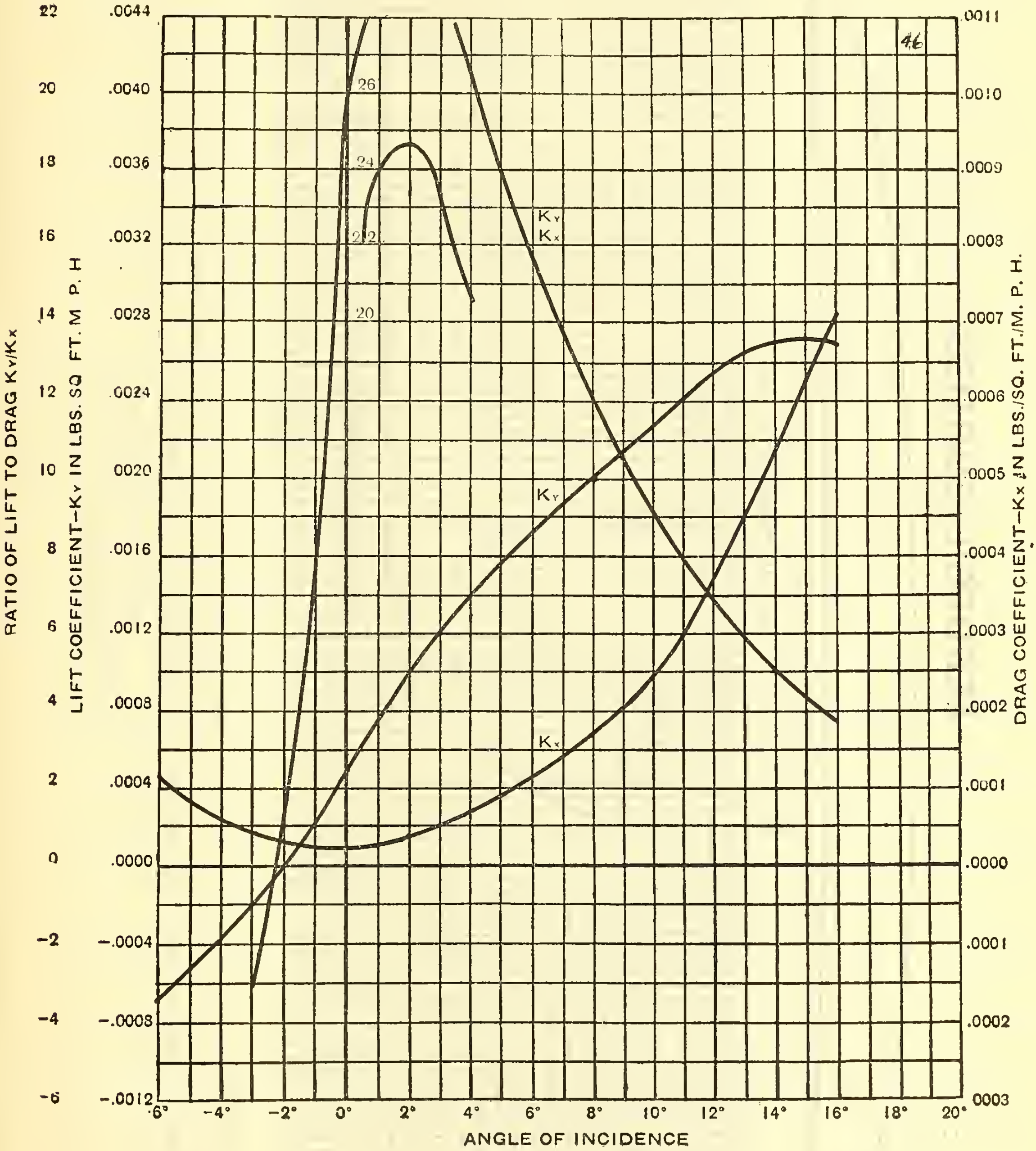


Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0071	.0256	.0340	.0438	.0526	.0562	.0562	.0530	.0482	.0410	.0326	.0214	.0058
Lower camber	.0071	.0007	.0001	.0012	.0051	.0063	.0055	.0046	.0038	.0033	.0021	.0008	0

All dimensions given as decimal parts of chord.

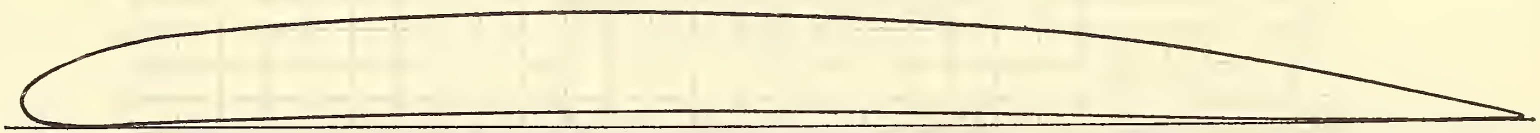
AEROFOIL, SLOANE.

SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.

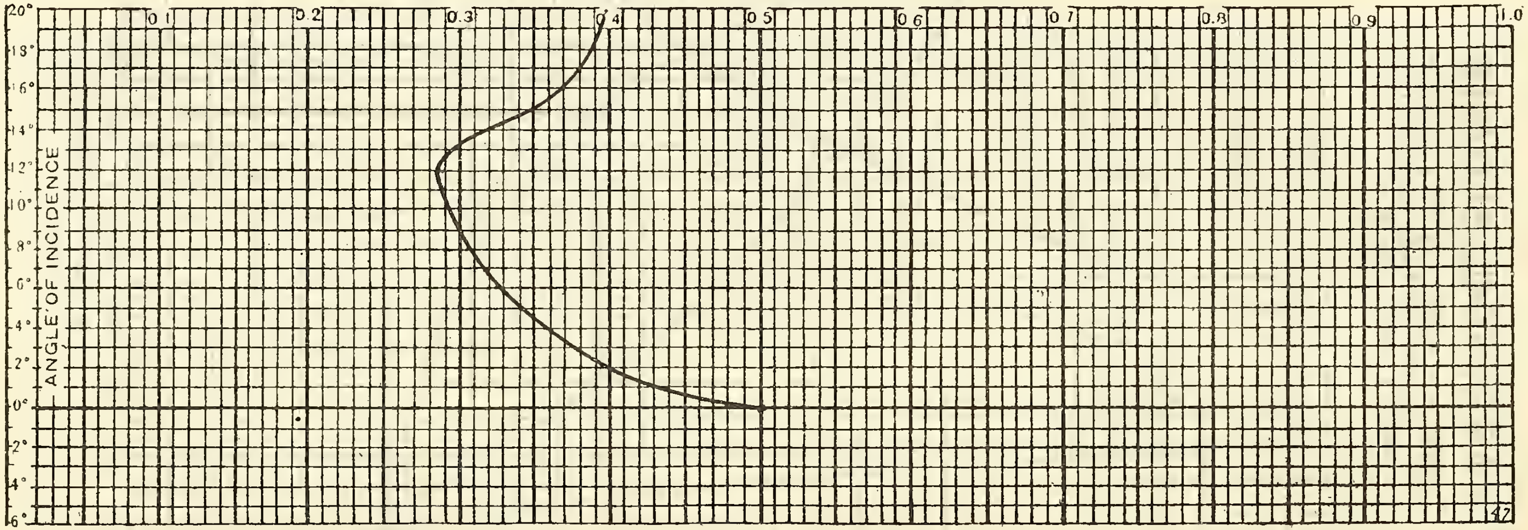


660

AEROFOIL, CURTISS.



CURVE OF CENTER OF PRESSURE TRAVEL

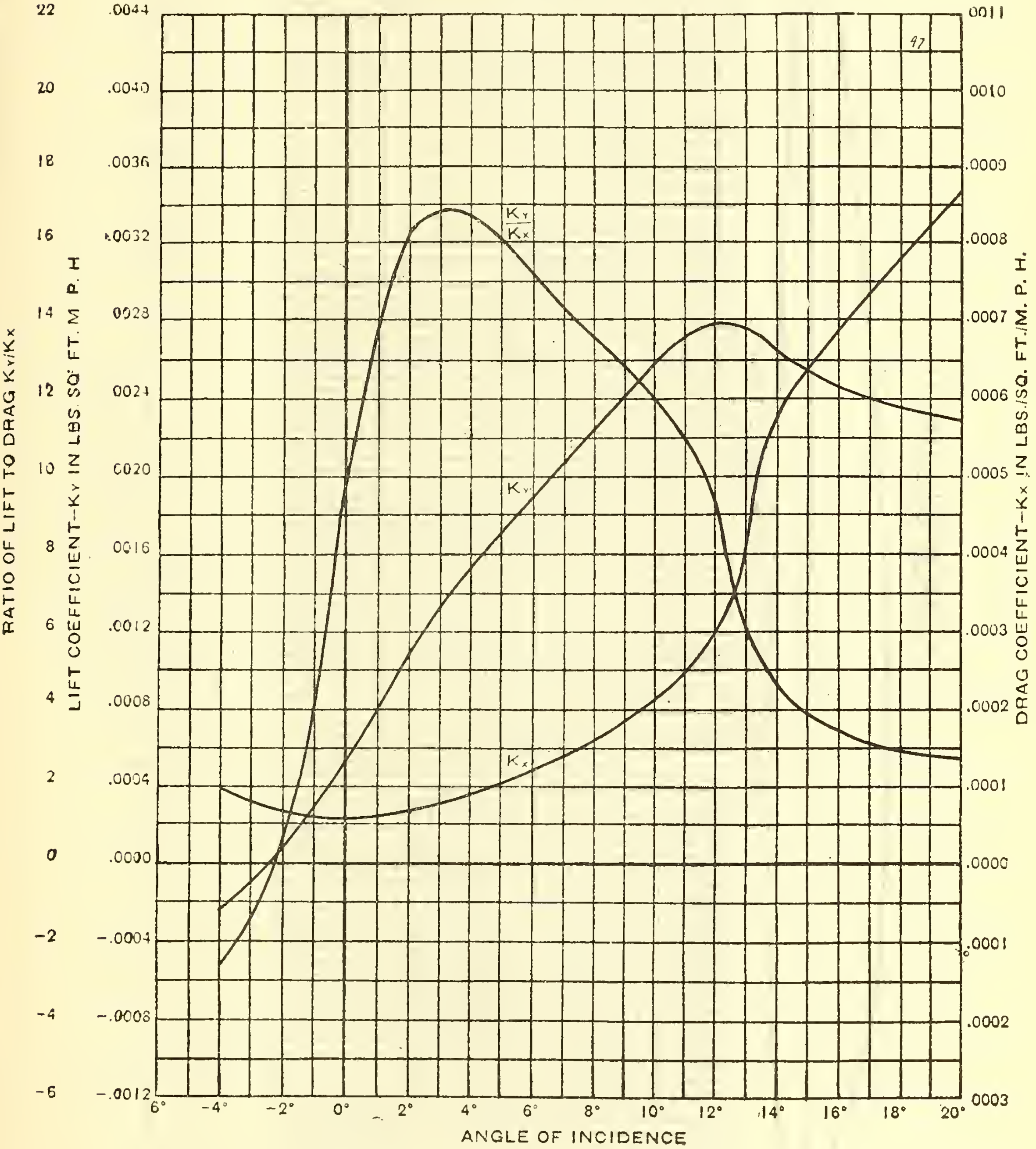


Distance from leading edge.	0	.003	.007	.010	.013	.017	.020	.033	.067	.100	.133	.167	.200	.250	.333	.500	.667	.833	.933	.967	.983	.987	1.00
Upper camber.....	.0143	.0247	.0292	.0327	.0347	.0373	....	.0460	.0567	.0630	.0670	.0697	....	.0737	.0737	.0683	.0563	.0357	.0170	.0100	.0063	.0037	.0013
Lower camber.....	.0143	....	.0037	....	.0023	....	.0013	0	.0013	.0040	.0063	.0080	.0090	....	.0087	.0073	.0047	.0027	.0013	....	0	....	.0013

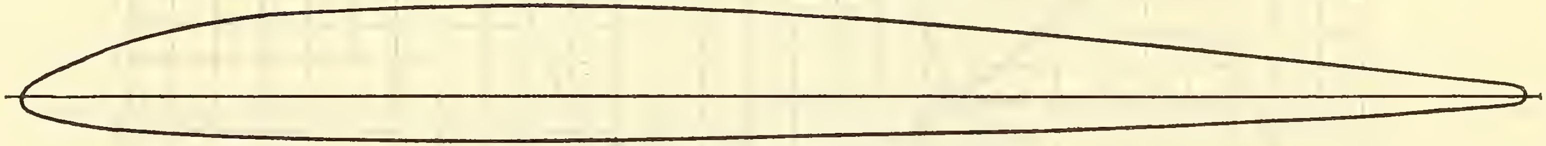
All dimensions given as decimal parts of chord.

AEROFOIL, CURTISS.

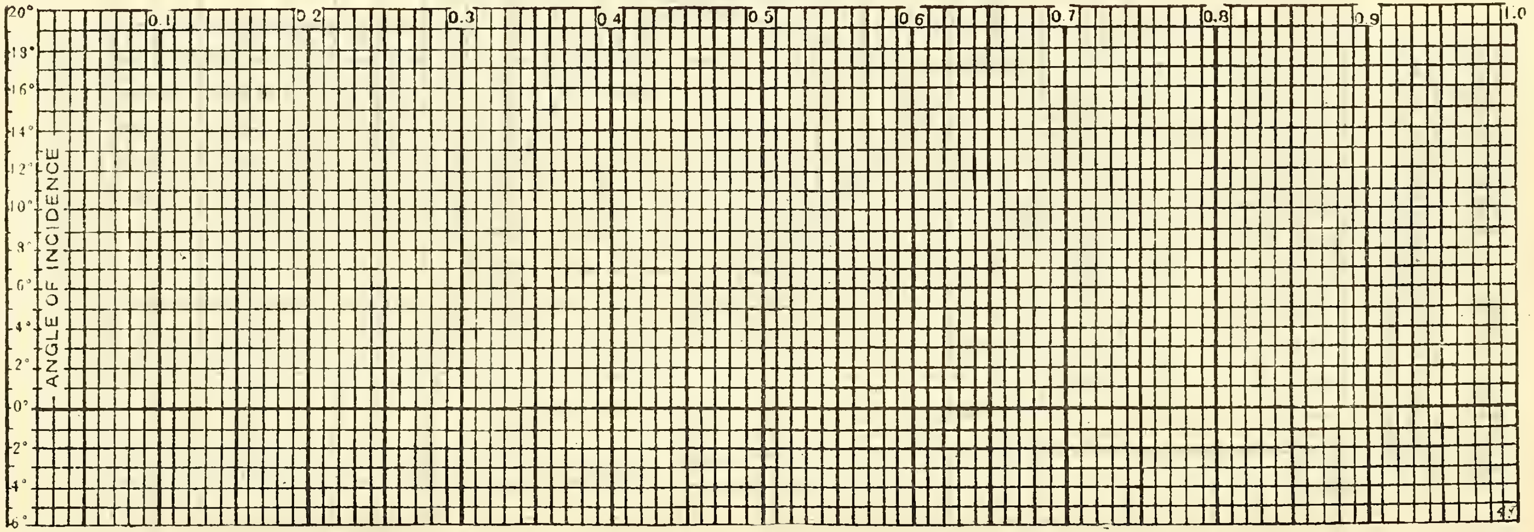
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, W-1.



CURVE OF CENTER OF PRESSURE TRAVEL

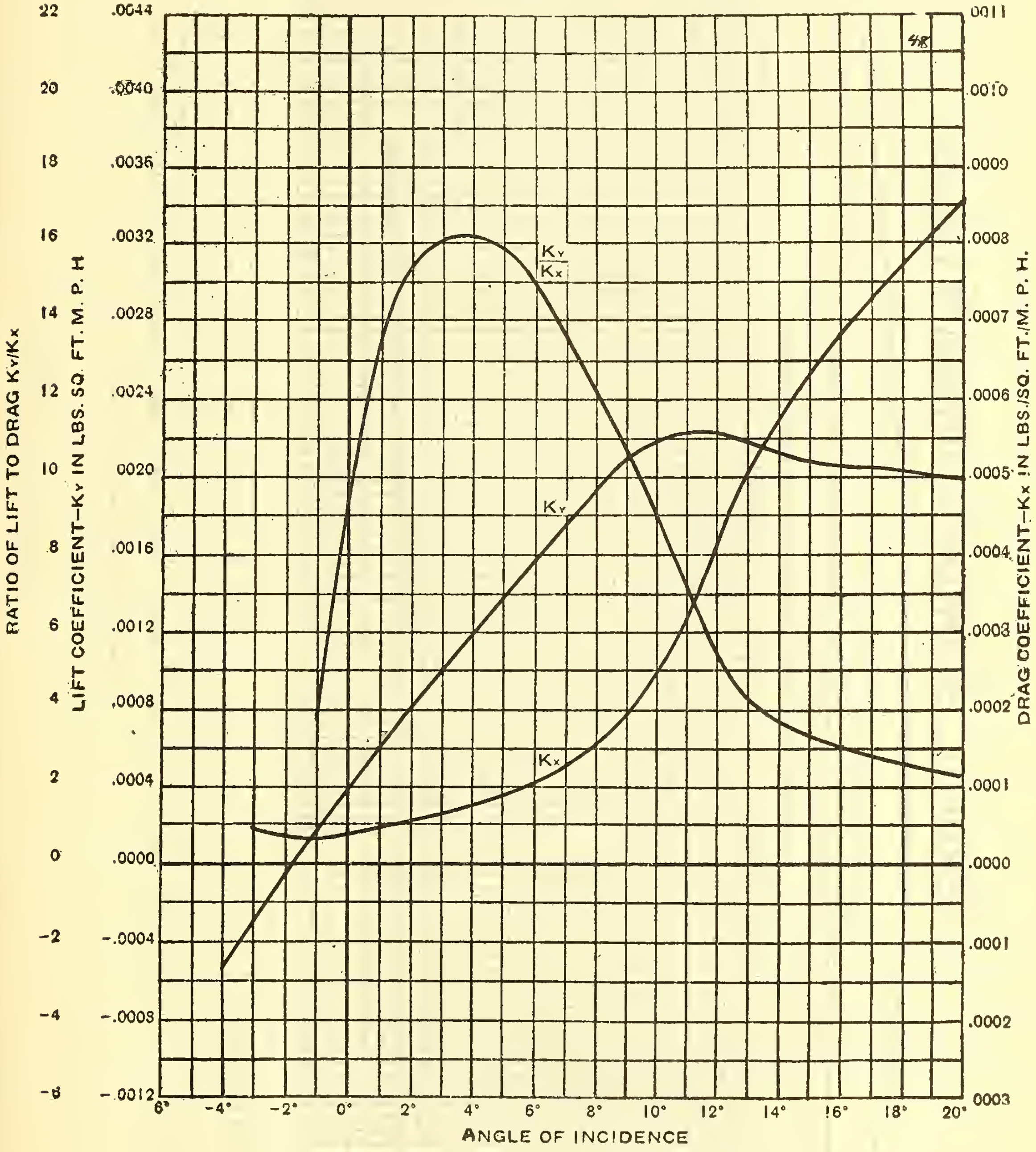


Distance from leading edge	0	.01	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	0	.01	.03	.0450	.0570	.0580	.0570	.0520	.0450	.0360	.0275	.0175	.0075	0
Lower camber	0	−.01	−.02	−.0250	−.030	−.030	−.030	−.0280	−.0250	−.020	−.0175	−.0125	−.0075	0

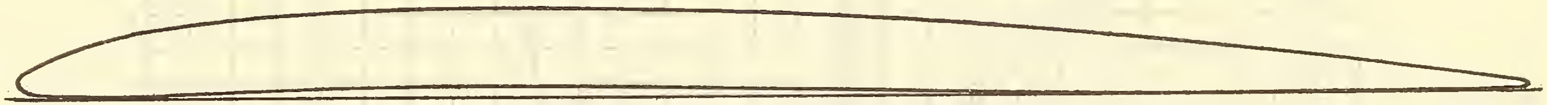
All dimensions given as decimal parts of chord.

AEROFOIL, W–1.

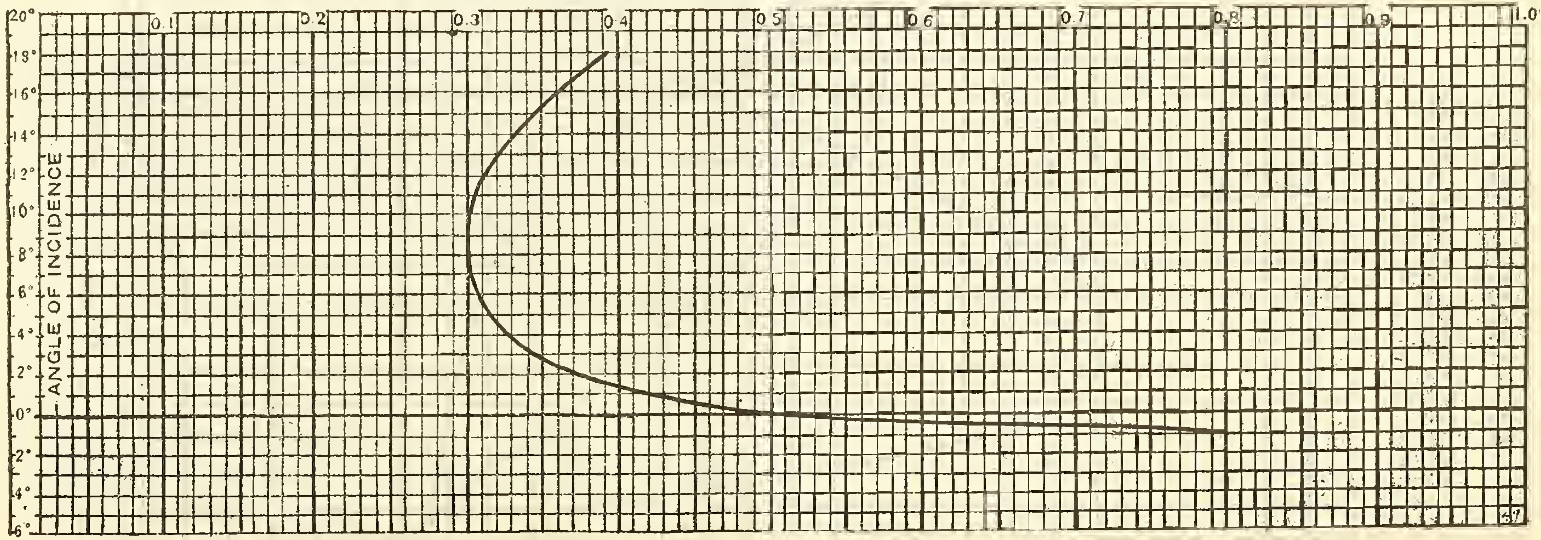
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, STANDARD AIRCRAFT No. 48.



CURVE OF CENTER OF PRESSURE TRAVEL

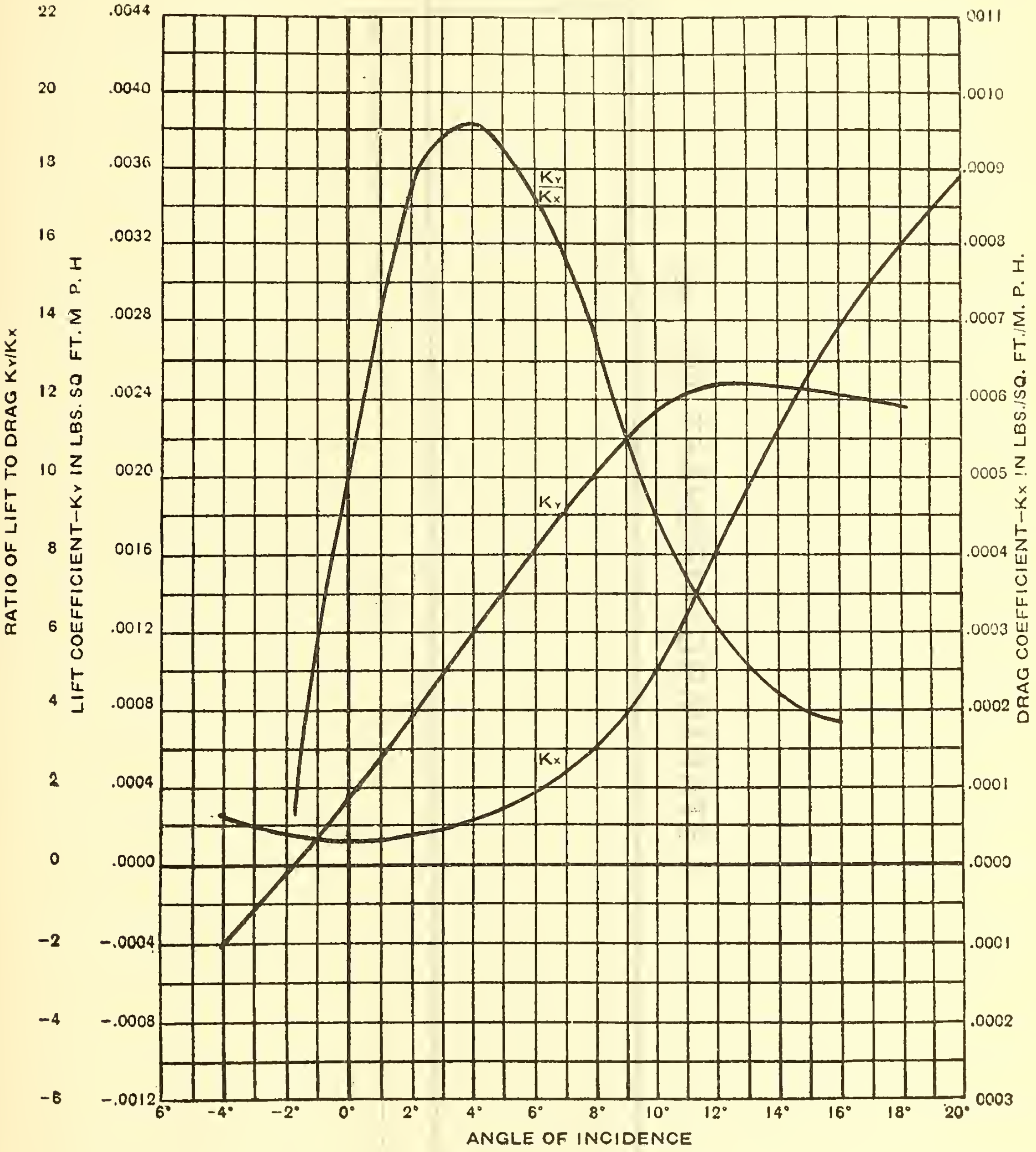


Distance from leading edge......	0	.025	.05	.075	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber....................	.0126	.0268	.0357	.042	.0468	.0562	.0585	.0584	.0555	.0506	.0435	.0346	.0234	.0163	.00484
Lower camber....................	.0126	.0023	0	.00372	.00149	.0055	.0067	.00595	.0048	.00372	.00298	.00223	.00112	.00037	.00484

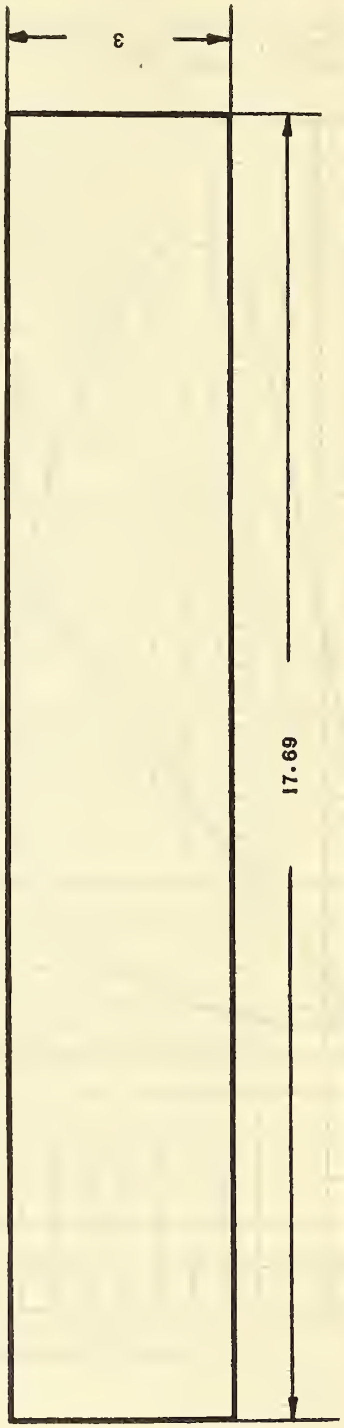
All dimensions given as decimal parts of chord.

AEROFOIL, STANDARD AIRCRAFT No. 48.

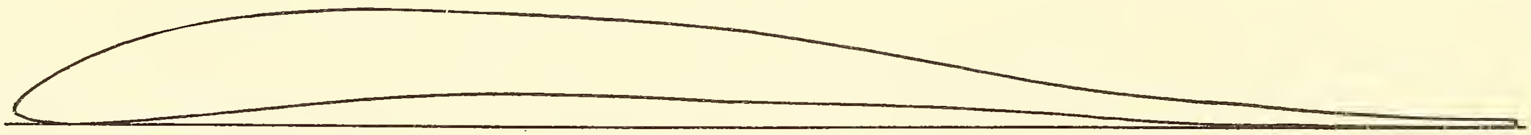
SIZE OF MODEL, 17.69 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



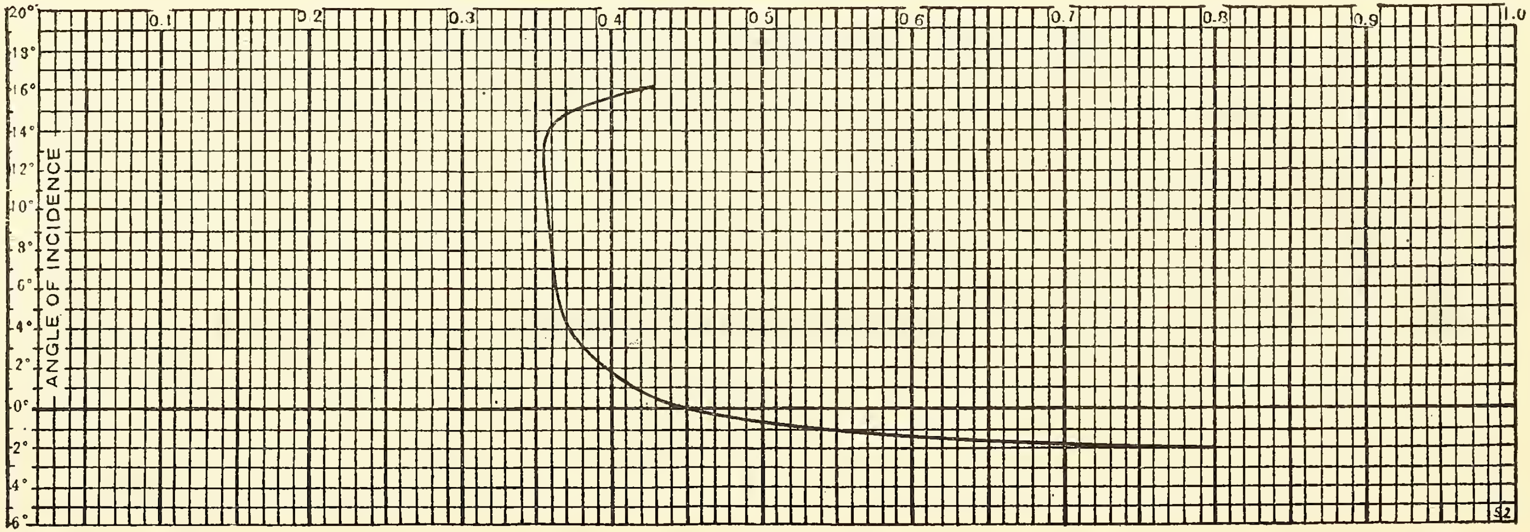
STANDARD AIRCRAFT No. 48.



AEROFOIL, A. E. G. No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

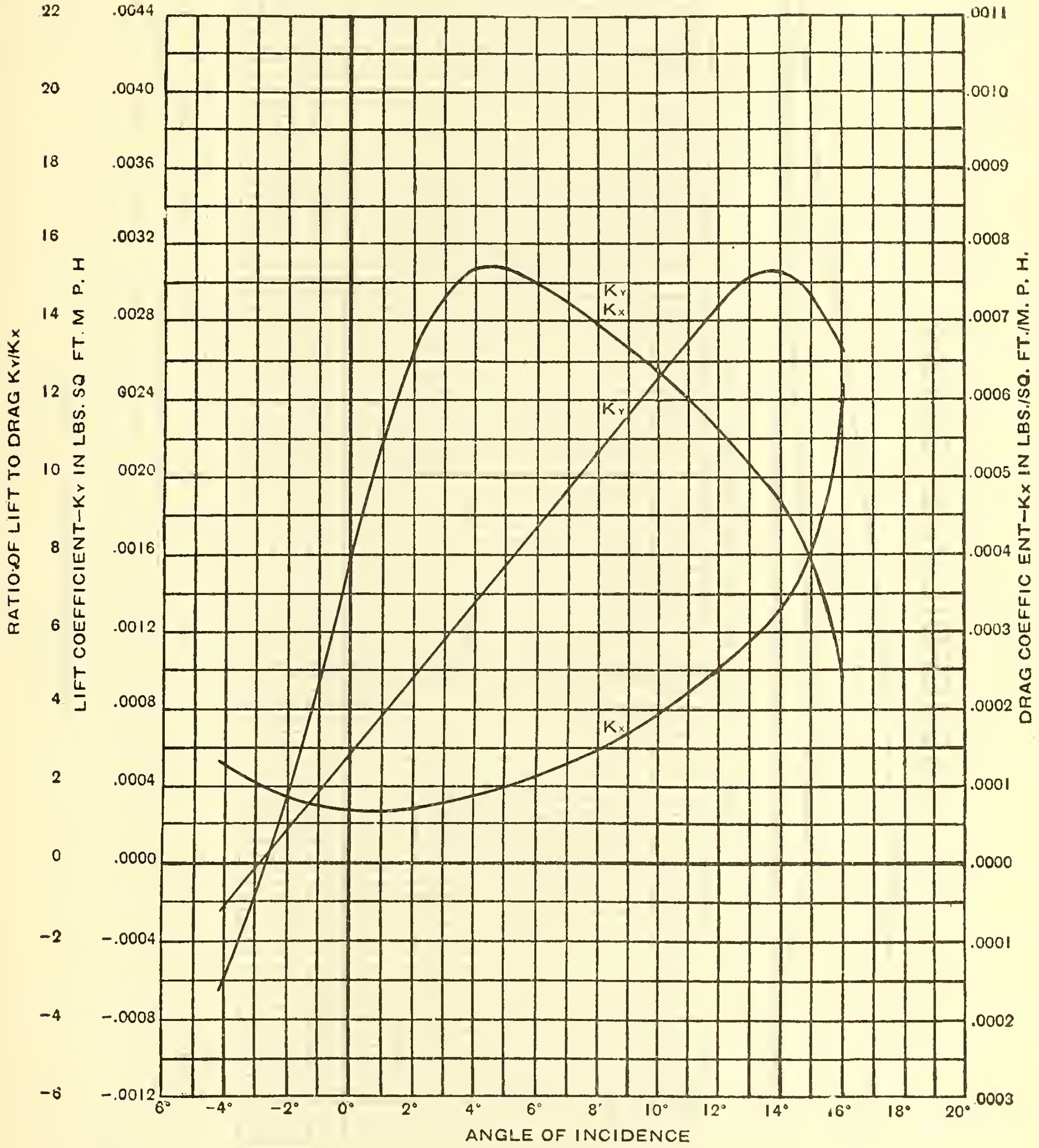


Distance from leading edge	0	.05	.1587	.3174	.4764	.6347	.7937	.9524	1.00
Upper camber	.01	....	.0733	.0773	.0640	.0397	.0187	.0057	....
Lower camber	.01	0	.0117	.0227	.0187	.0117	.0027	0	0

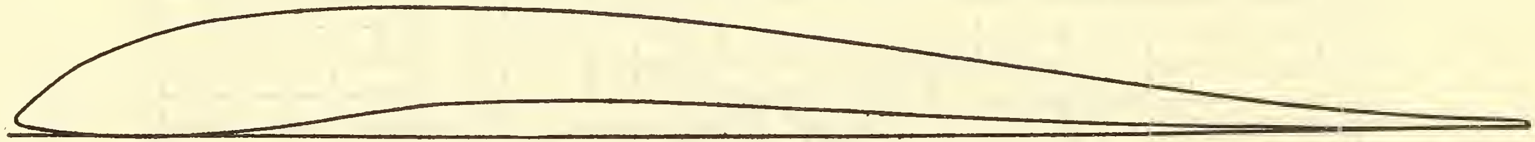
All dimensions given as decimal parts of chord.

AEROFOIL, A. E. G. No. 1.

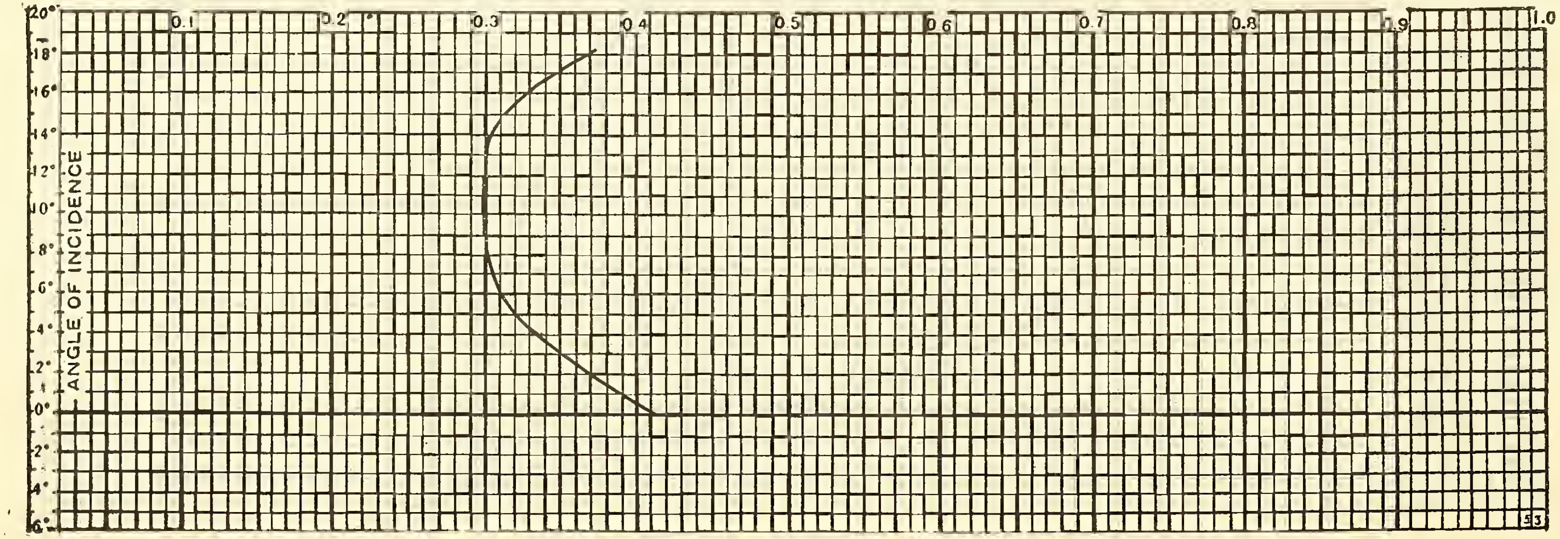
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, A. E. G. No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

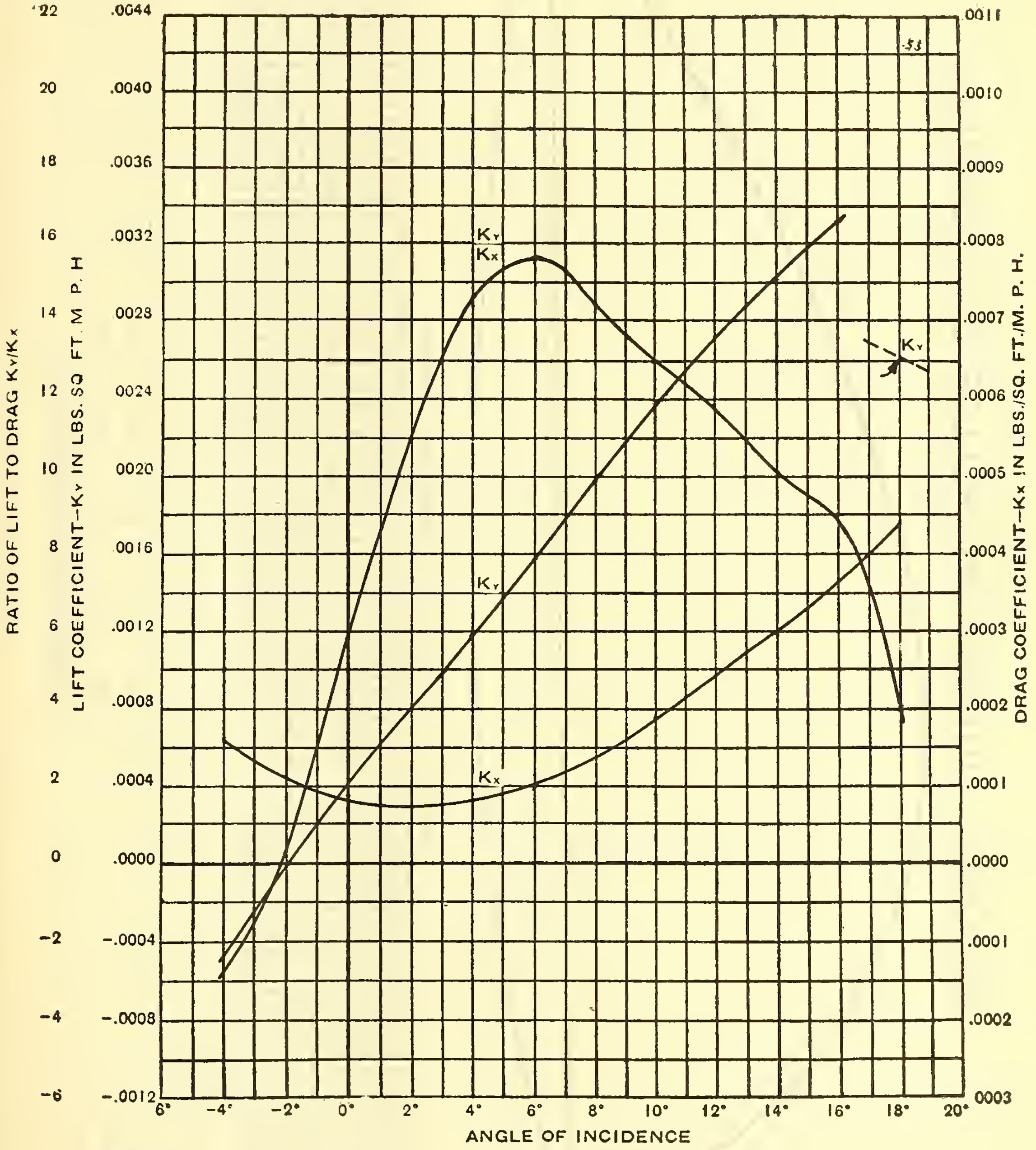


Distance from leading edge	0	.05	.195	.3903	.5833	.7806	.9756	1.00
Upper camber	.01	....	.083	.0810	.0577	.0253	.0067	....
Lower camber	.01	0	.0087	.0240	.0157	.0040	0	0

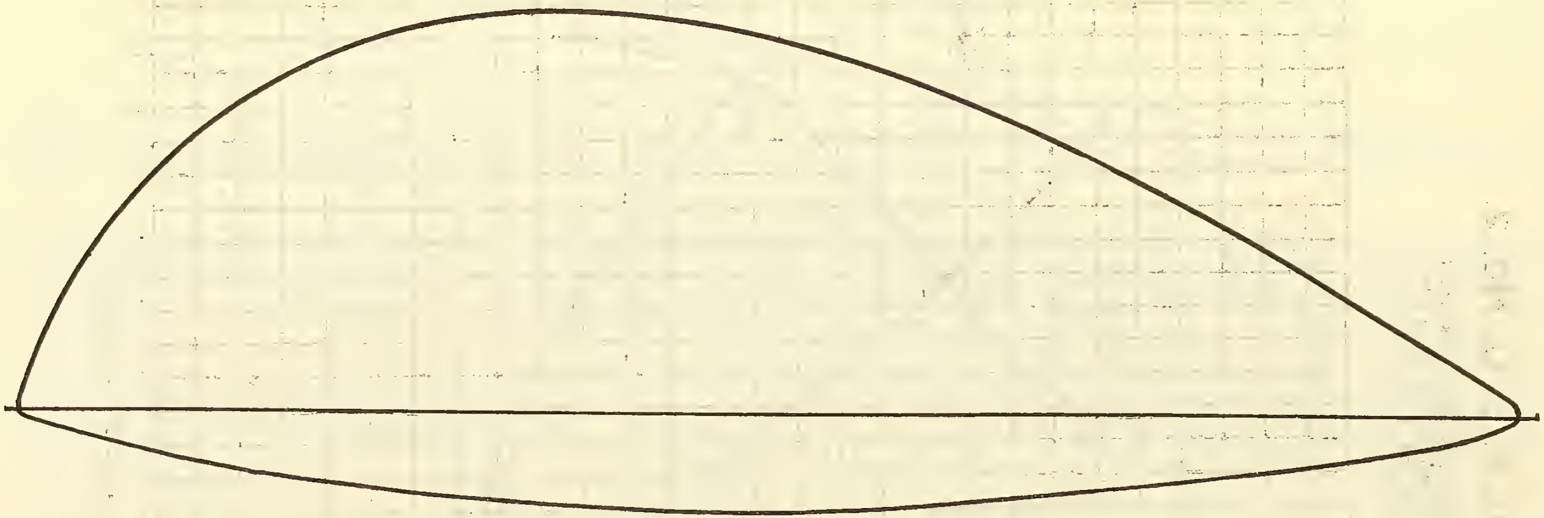
All dimensions given as decimal parts of chord.

AEROFOIL, A. E. G. No. 2.

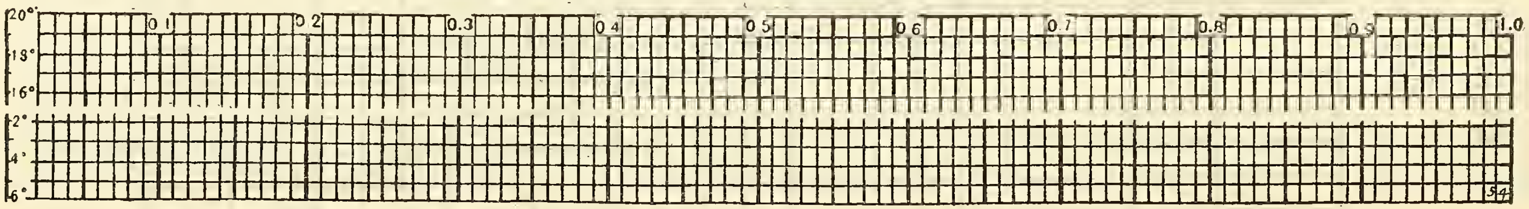
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DURAND PROPELLER SECTION No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

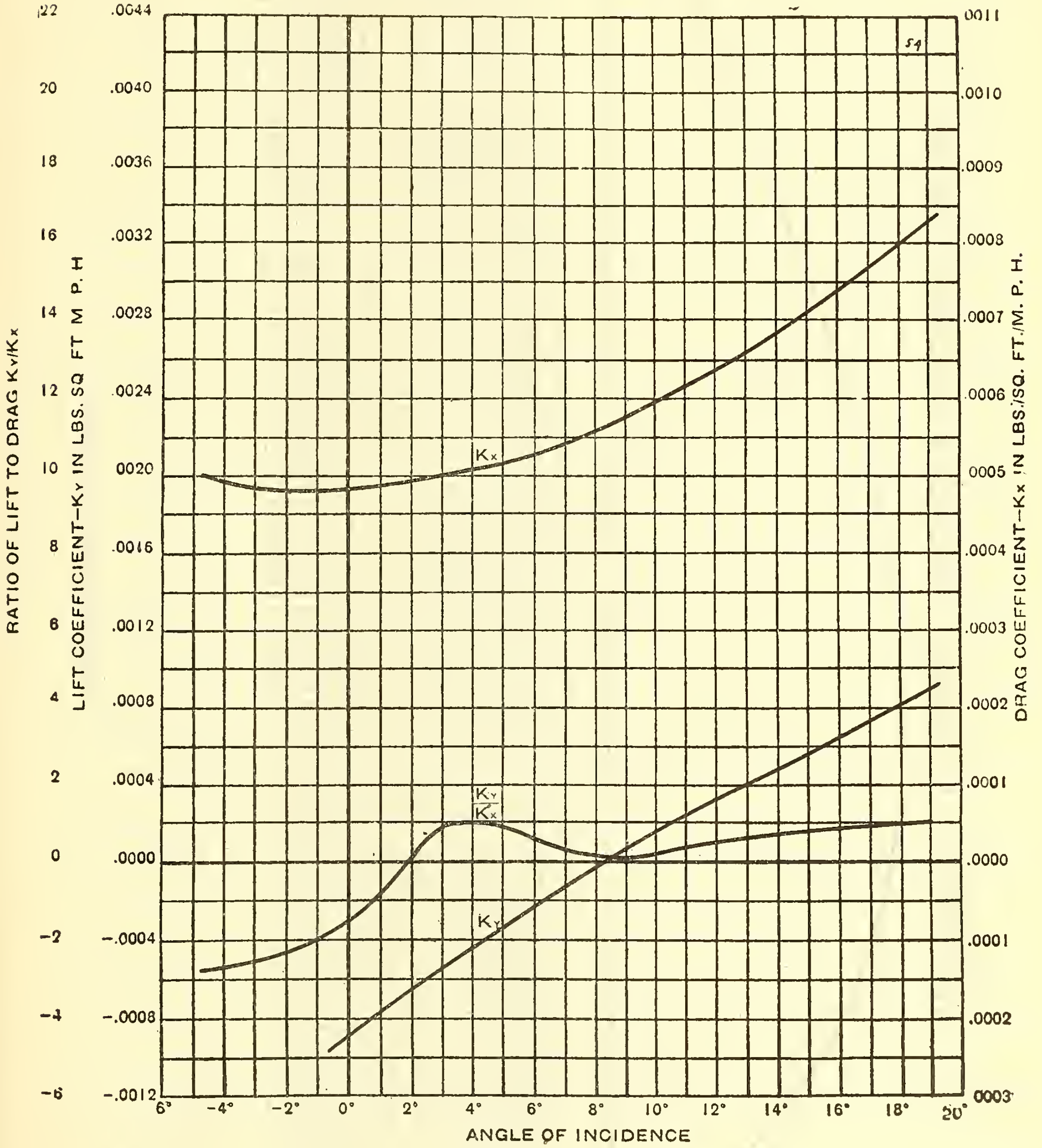


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.115	.172	.24	.27	.274	.26	.23	.185	.134	.075	0
Lower camber	0	−.21	−.035	−.052	−.063	−.069	−.07	−.07	−.064	−.057	−.04	0

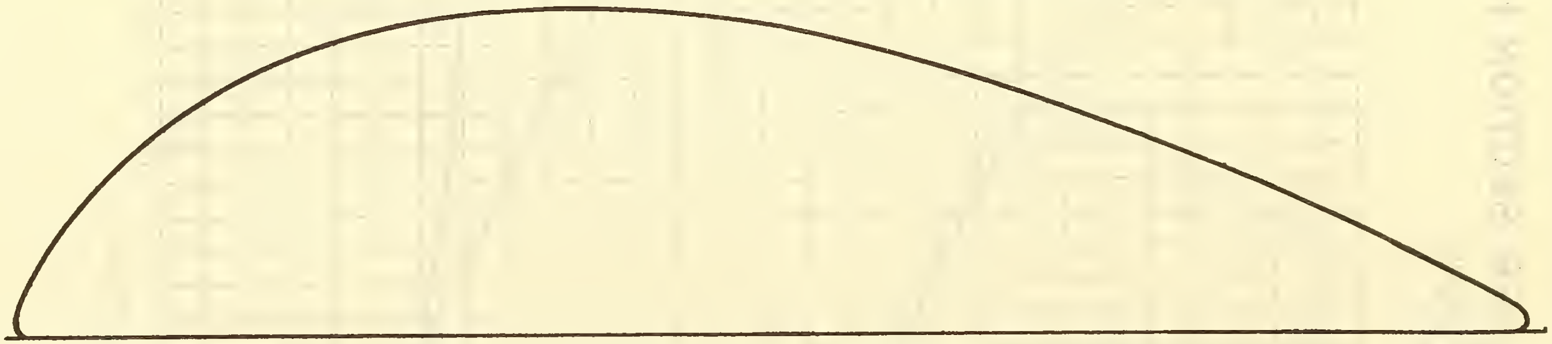
All dimensions given as decimal parts of chord.

AEROFOIL, DURAND PROPELLER SECTION No. 4.

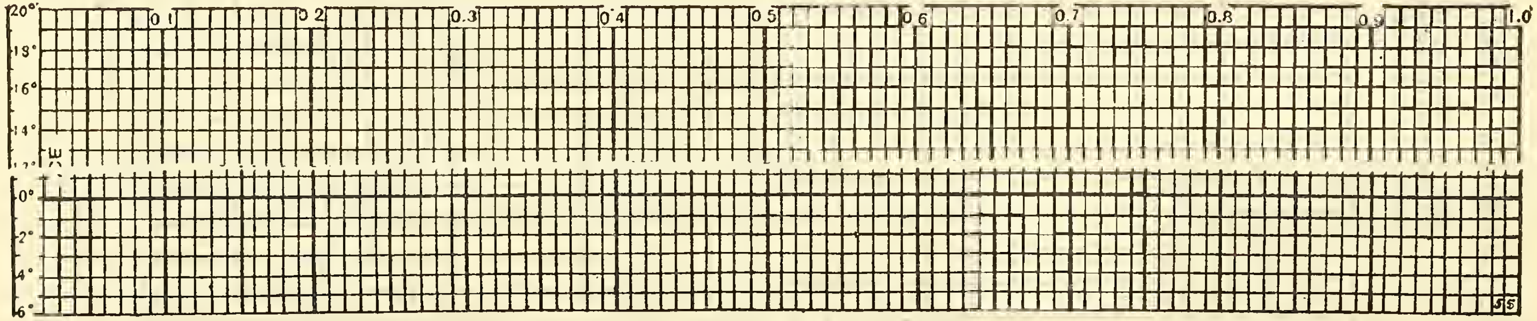
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DURAND PROPELLER SECTION No. 7.



CURVE OF CENTER OF PRESSURE TRAVEL

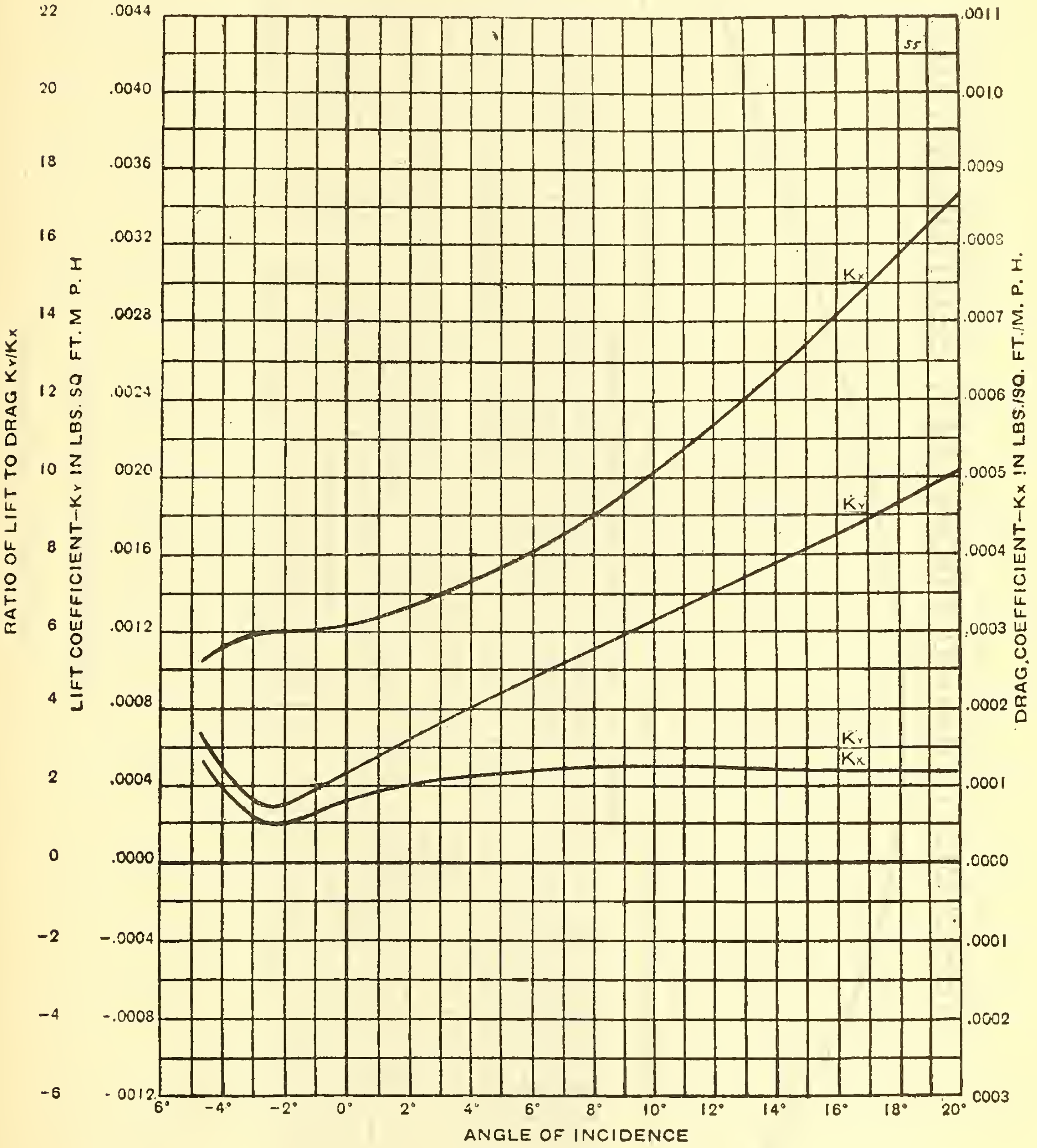


Distance from leading edge	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.01	.035	.133	.19	.22	.22	.207	.18	.148	.11	.065	.02	.01
Lower camber	.01	0	0	0	0	0	0	0	0	0	0	0	.01

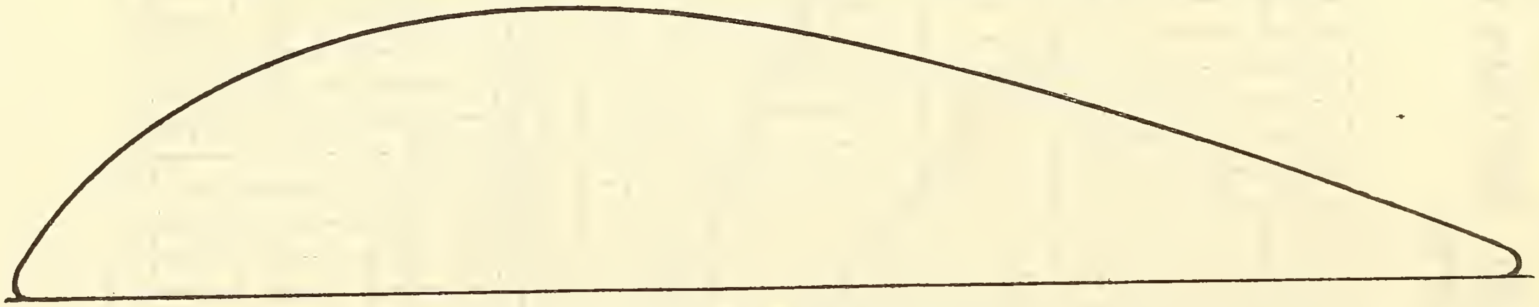
All dimensions given as decimal parts of chord.

AEROFOIL, DURAND PROPELLER SECTION No. 7.

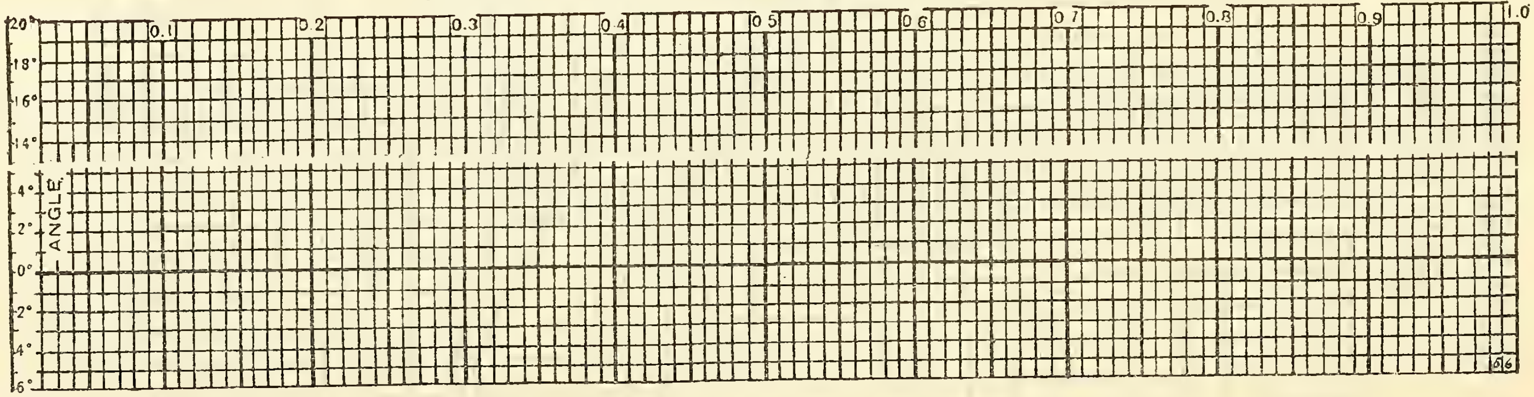
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DURAND PROPELLER SECTION No. 10.



CURVE OF CENTER OF PRESSURE TRAVEL

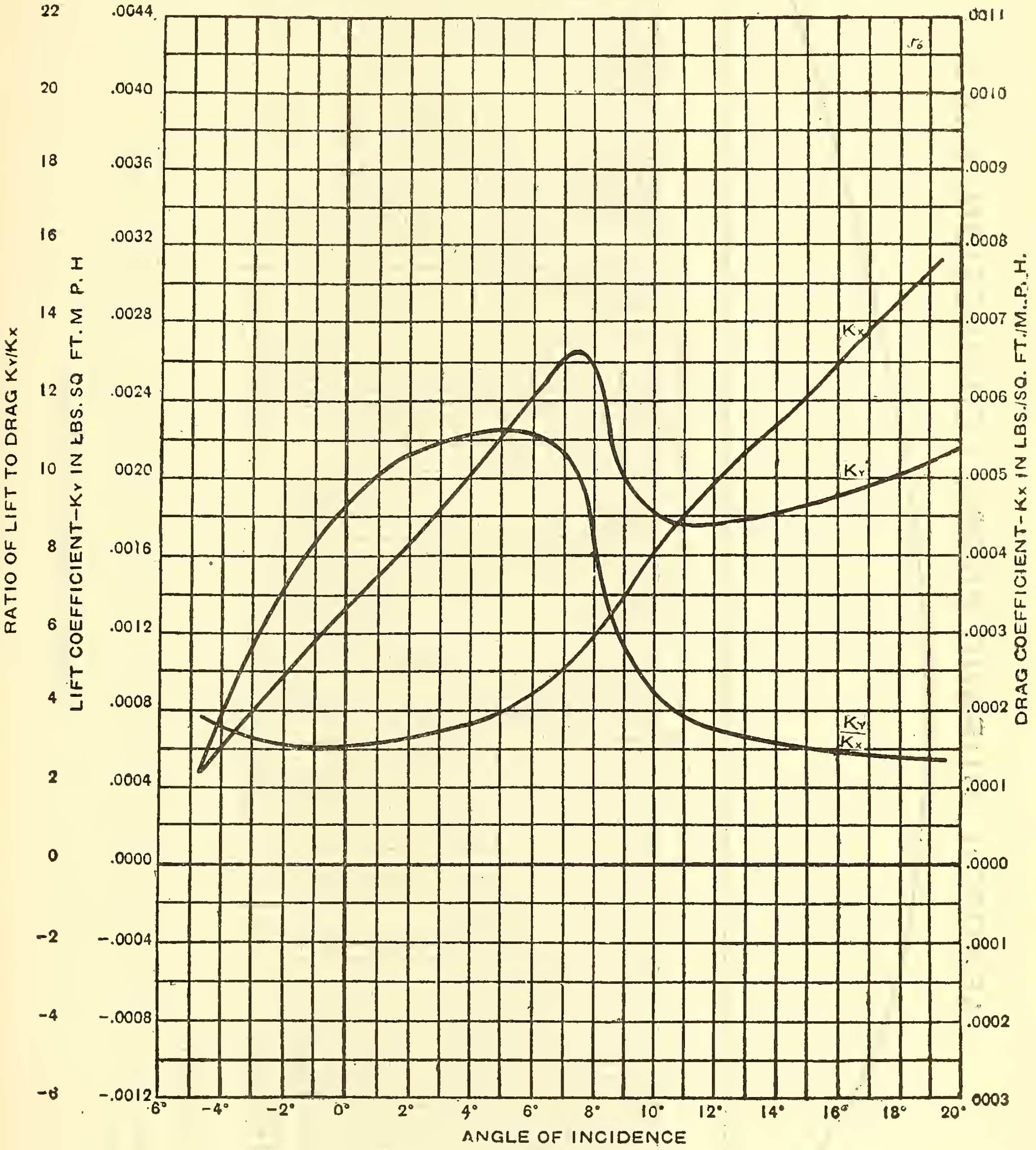


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.075	.115	.165	.187	.187	.17	.15	.123	.09	.056	.01
Lower camber	.01	0	0	0	0	0	0	0	0	0	0	.01

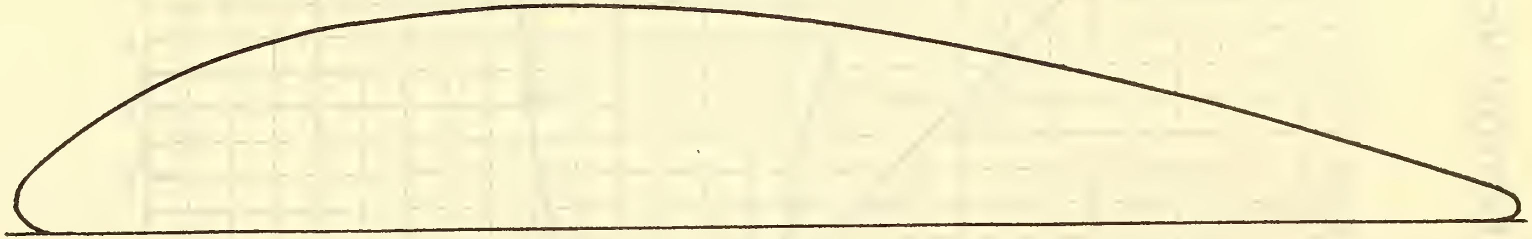
All dimensions given as decimal parts of chord.

AEROFOIL, DURAND PROPELLER SECTION No. 10.

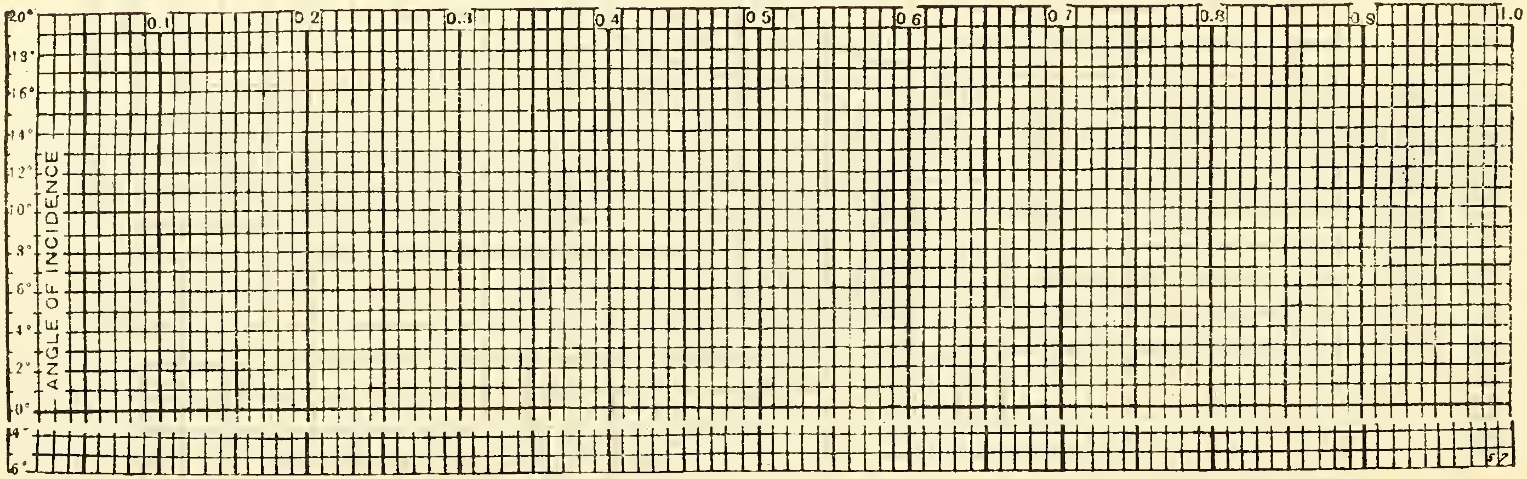
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DURAND PROPELLER SECTION No. 13.



CURVE OF CENTER OF PRESSURE TRAVEL

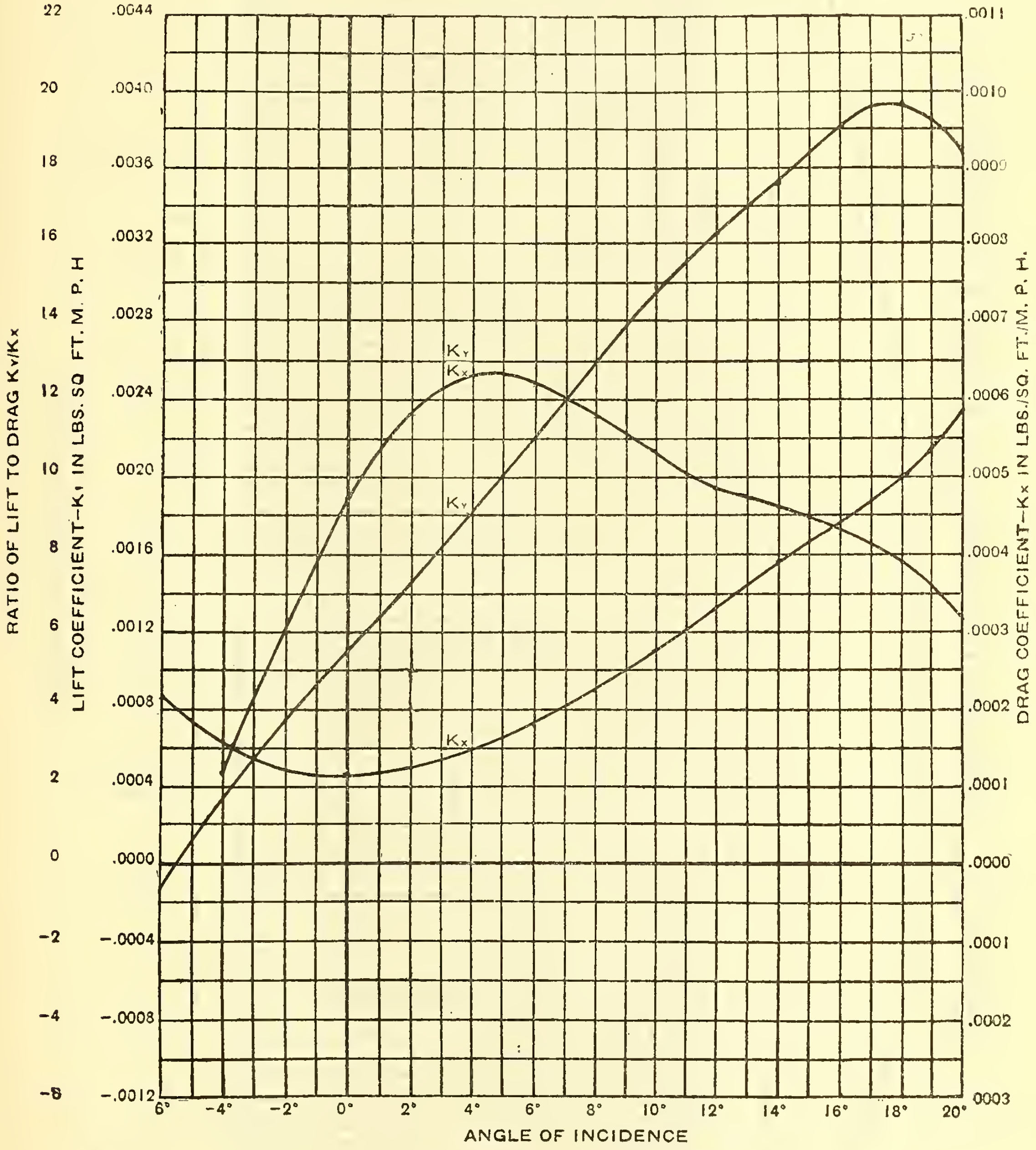


Distance from leading edge	0	.02	.10	.20	.30	.35	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.02	.052	.10	.131	.1498	.15	.1498	.14	.123	.103	.08	.05	.02	.01
Lower camber	.02	0	0	0	0	0	0	0	0	0	0	0	0	.01

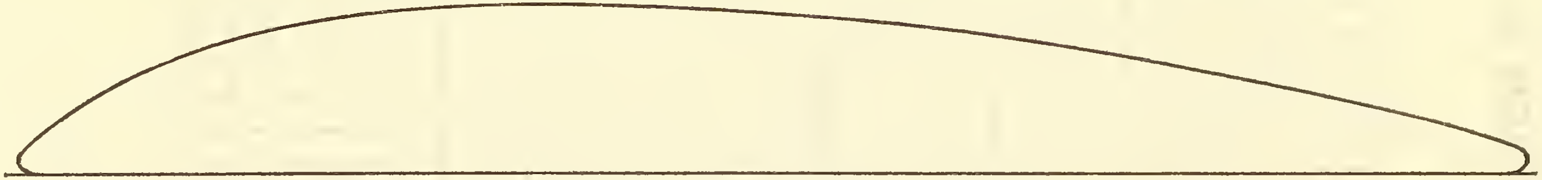
All dimensions given as decimal parts of chord.

AEROFOIL, DURAND PROPELLER SECTION No. 13

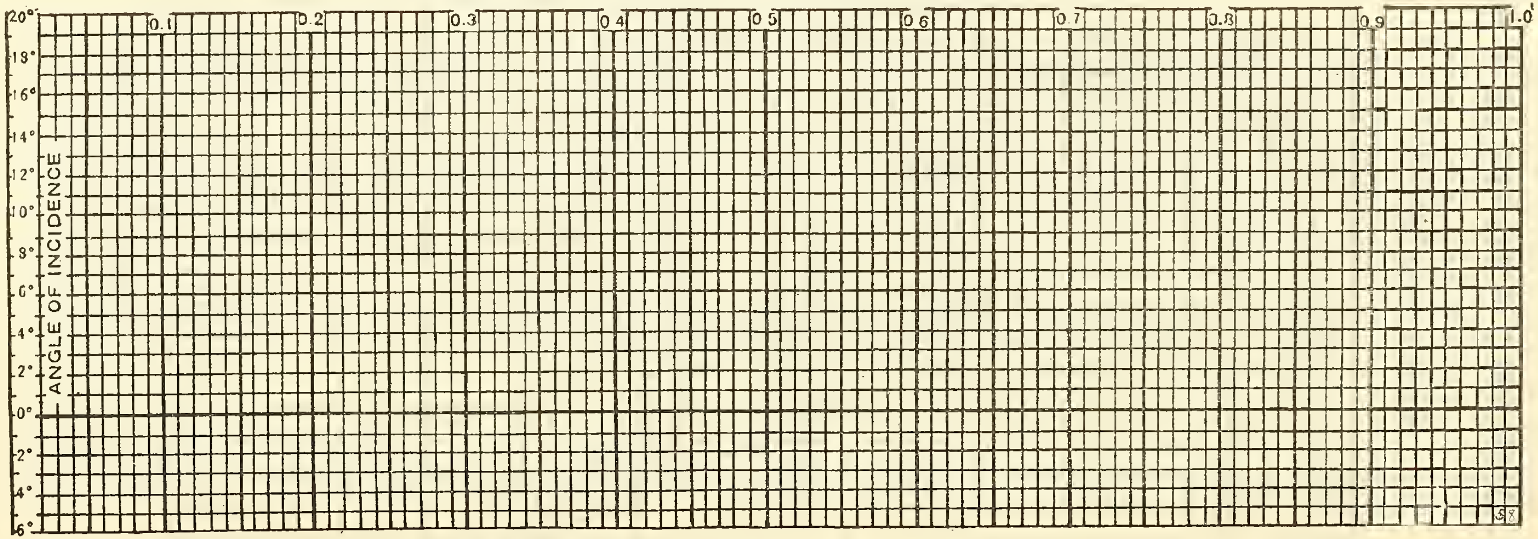
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DURAND PROPELLER SECTION No. 16.



CURVE OF CENTER OF PRESSURE TRAVEL

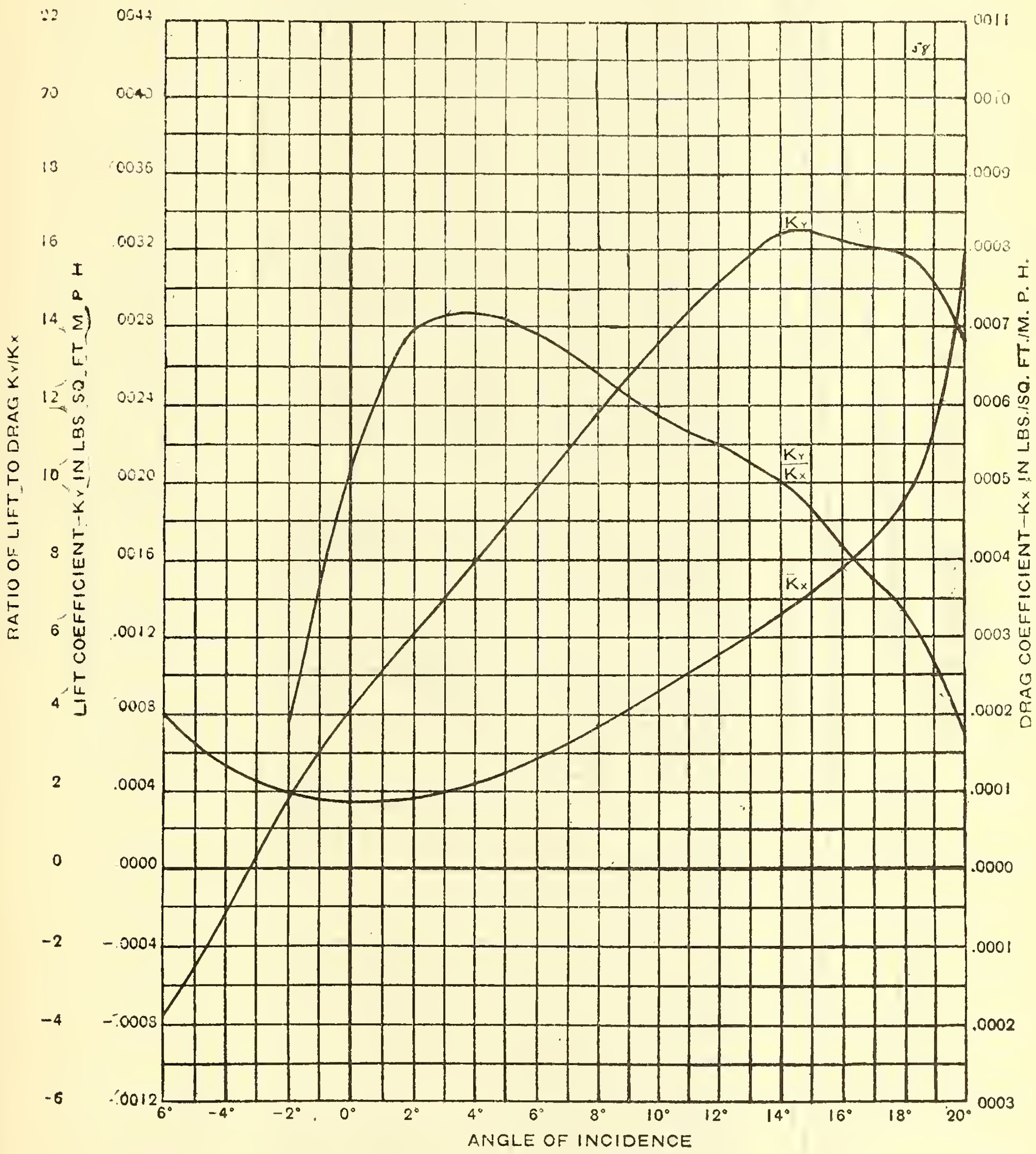


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.072	.10	.11	.11	.107	.095	.08	.062	.041	.01
Lower camber	.01	0	0	0	0	0	0	0	0	0	.01

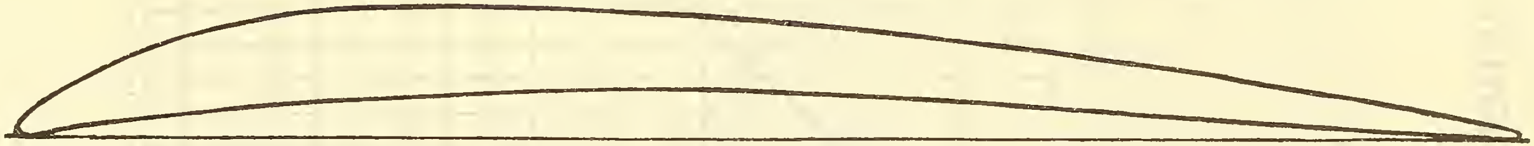
All dimensions given as decimal parts of chord

AEROFOIL, DURAND PROPELLER SECTION No. 16.

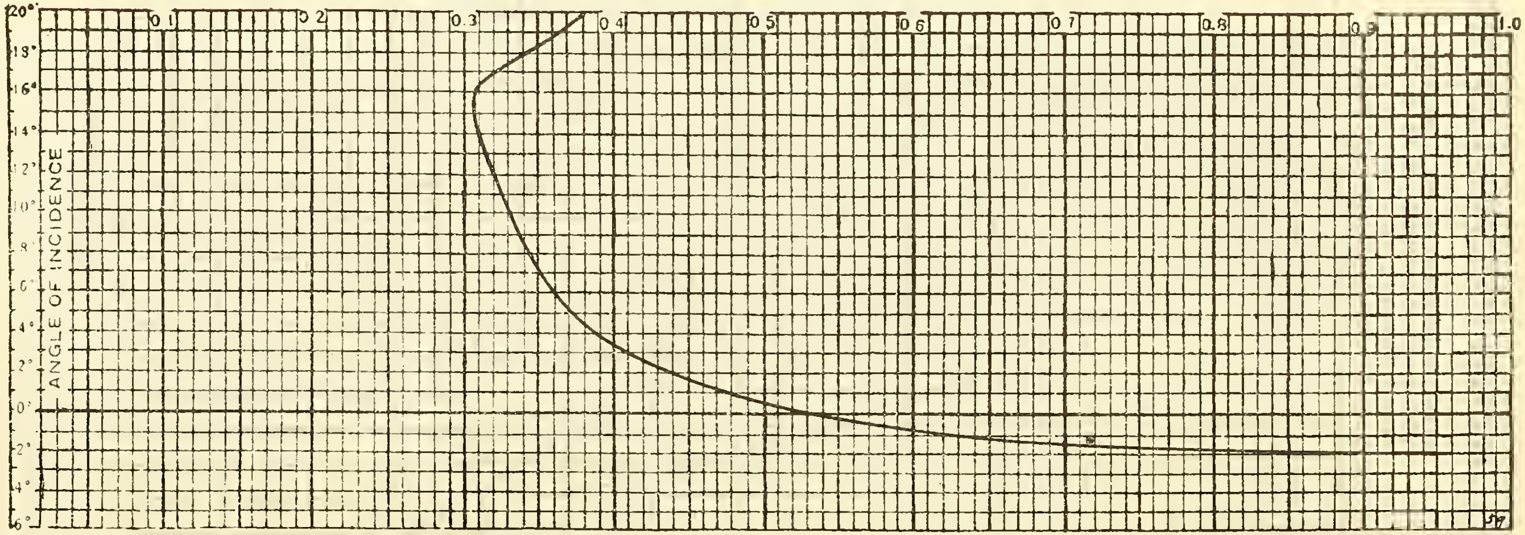
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, R. A. F. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

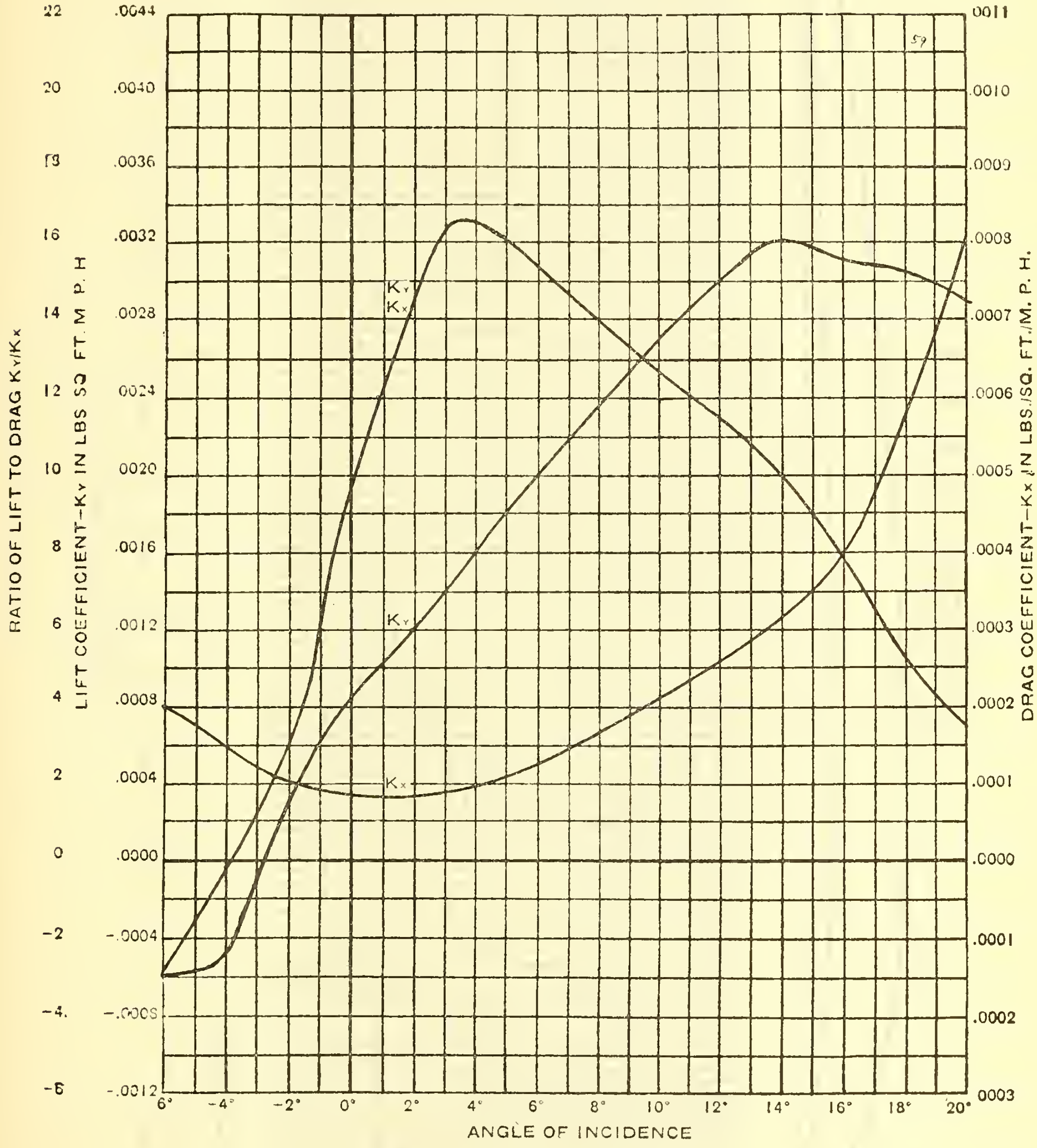


Distance from leading edge	0	.01	.02	.025	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.008	.02	.029	.030	.044	.059	.064	.084	.088	.085	.078	.069	.056	.041	.024	.007
Lower camber	0	.002	.003	....	.009	.012	.016	.024	.029	.032	.031	.026	.021	.014	.008	0

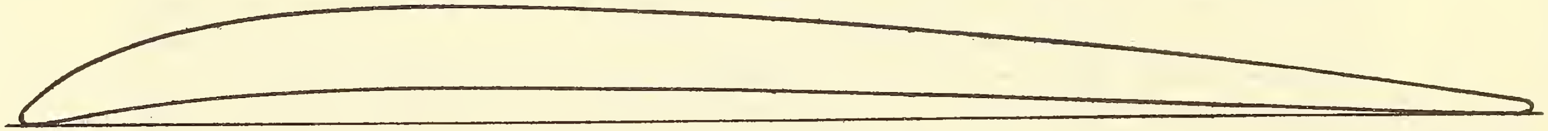
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 3.

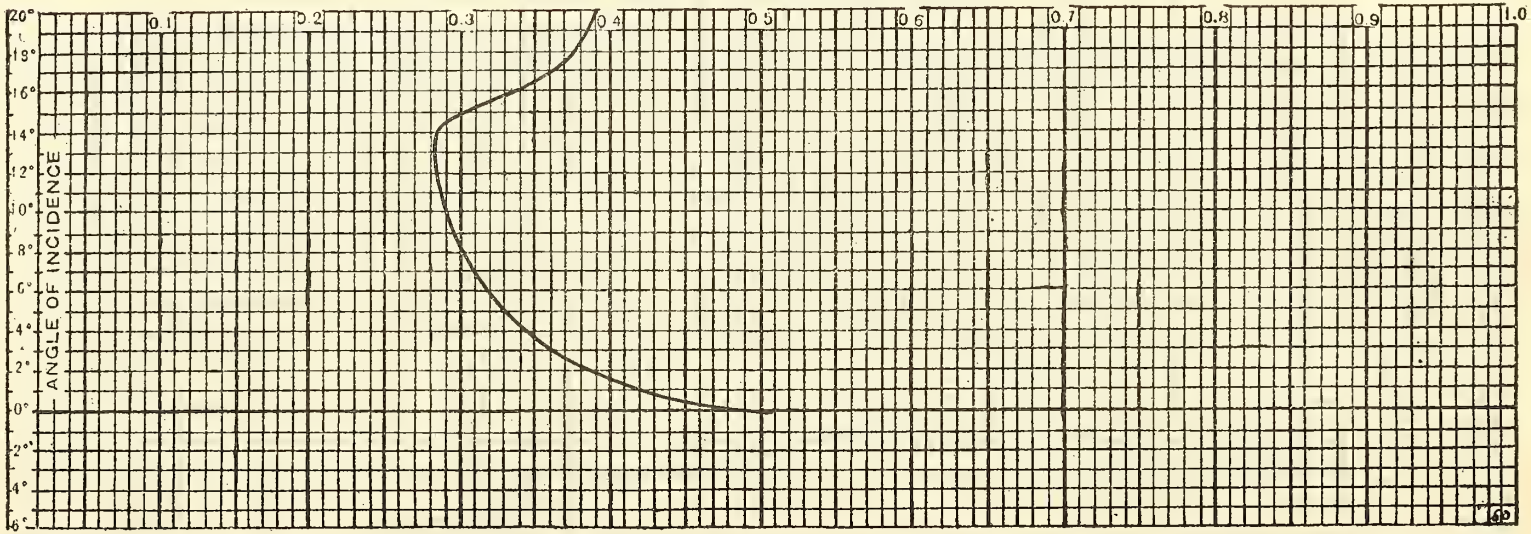
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

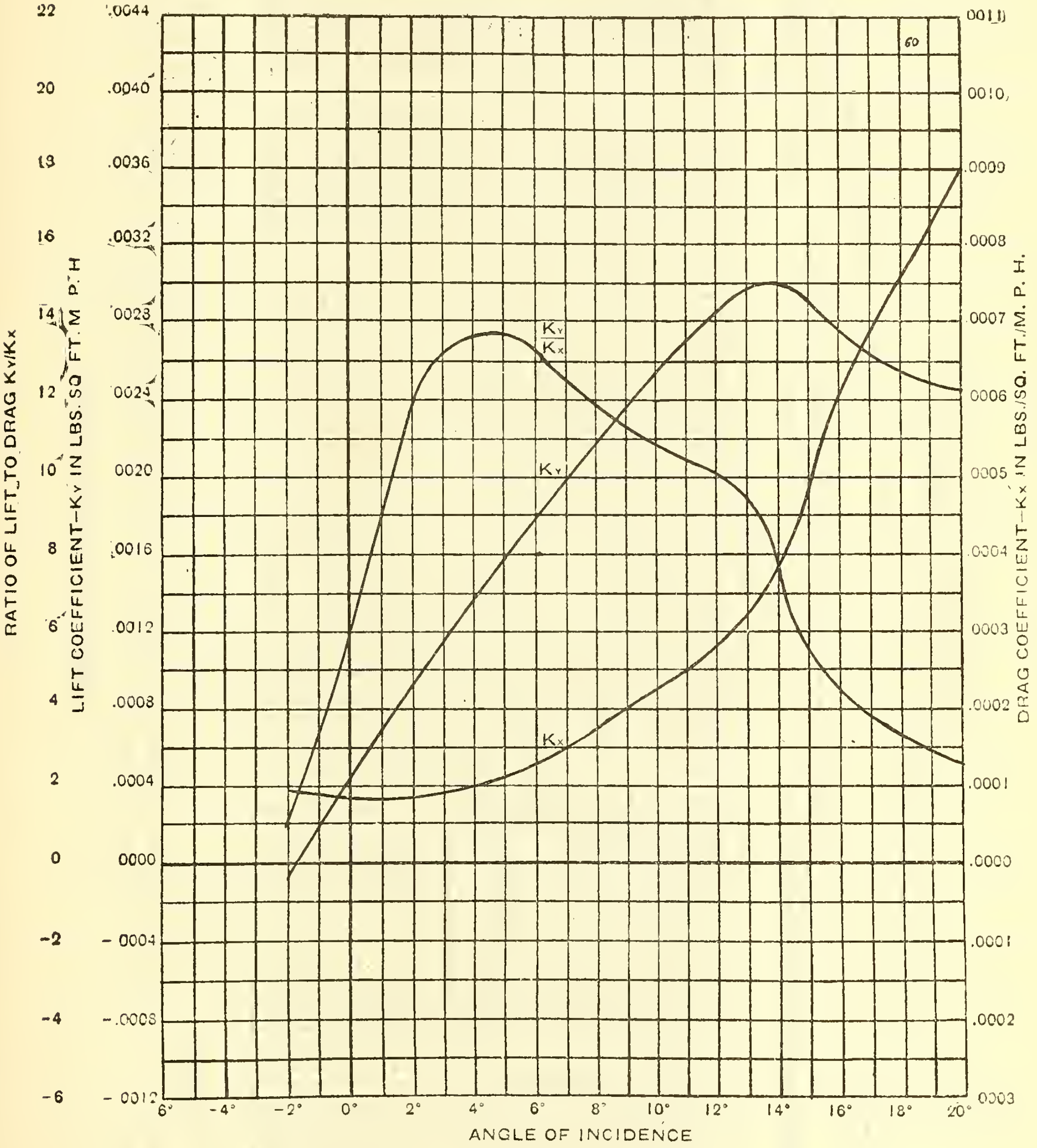


Distance from leading edge.......	5	.01	.02	.025	.05	.08	.10	.2	.3	.4	.5	.6	.7	.8	.9	1.0
Upper camber....................	.008	.02	.026	.031	.043	.052	.06	.074	.075	.072	.066	.059	.049	.038	.025	.008
Lower camber....................	0	.002	.003	....	.009	.012	.016	.021	.022	.021	.019	.016	.013	.009	.004	.001

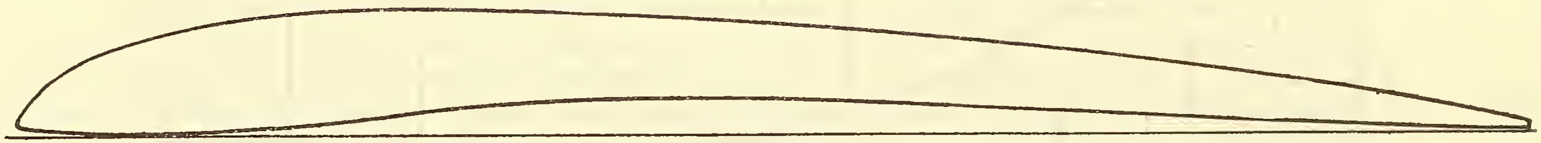
All dimensions given as decimal parts o' chord

AEROFOIL, R. A. F. 4.

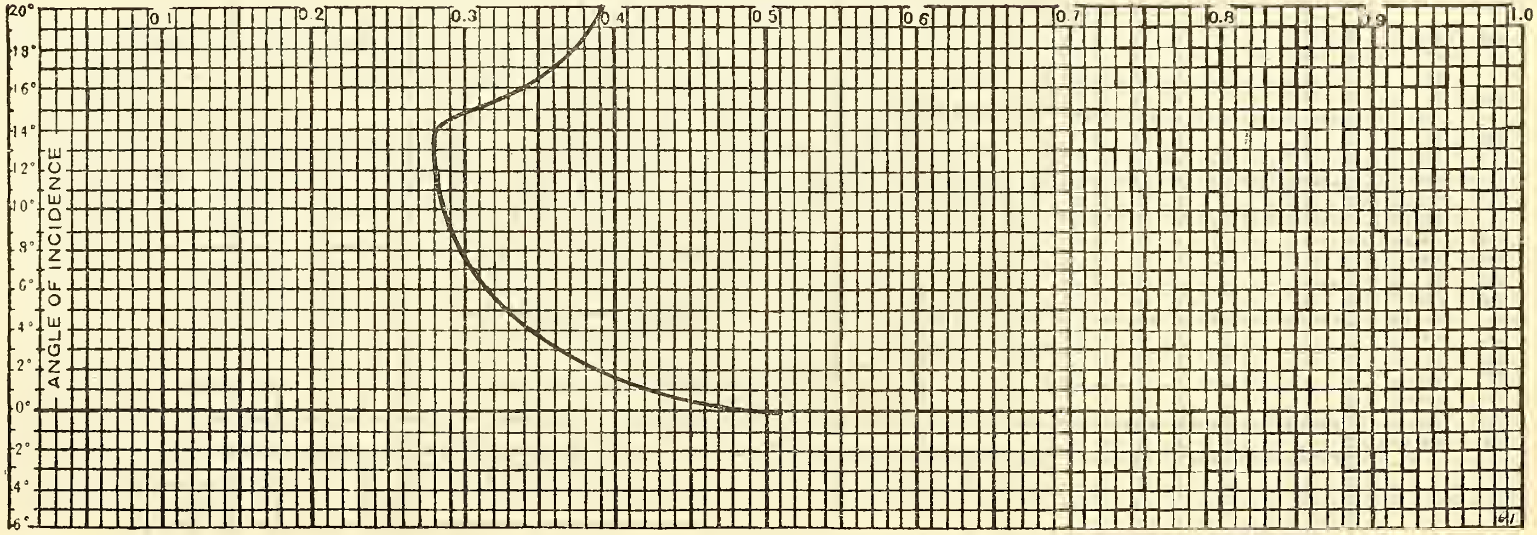
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

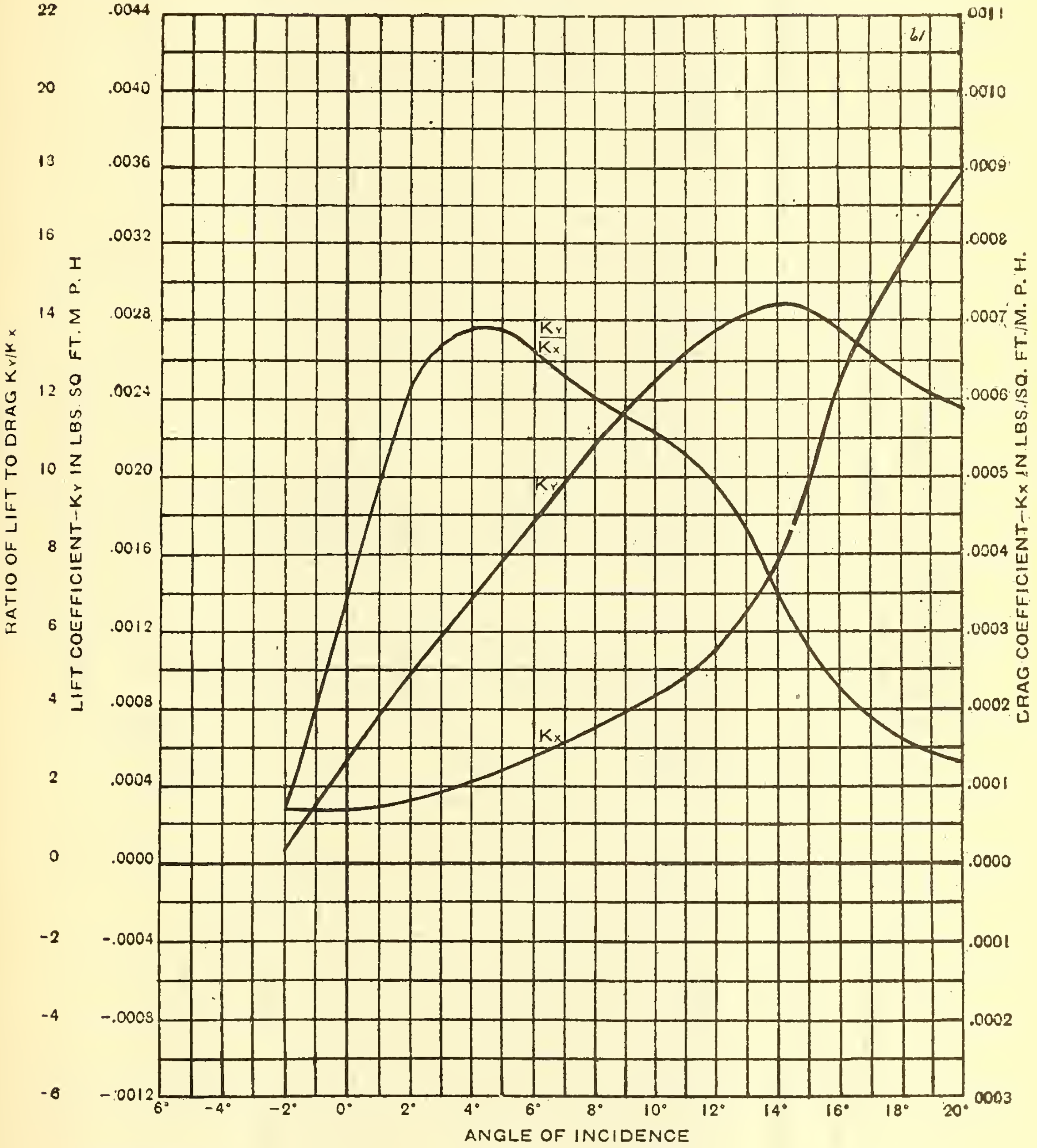


Distance from leading edge	0	.002	.005	.01	.015	.02	.026	.04	.05	.08	.10	.14	.16	.18	.20	.25	.30	.40	.50	.60	.70	.80	.90	.92	.95	.98	.99	1.00
Upper camber	.007	.0155	.021	.027	.0315	.0351	.0395	.0465	.0508	.0612	.0671	.075	.0775	.0795	.0817	.0818	.0811	.0772	.0702	.0617	.0518	.0394	.025	.022	.0167	.011	.0092	.007
Lower camber	.007	.....	.0067	.0061	.0059	.0055	.005	.004	.0032	.0010	0	.001	.0022	.004	.006	.0155	.0225	.027	.0245	.02	.0149	.01	.004	.003	.0019	.00075	.00025	0

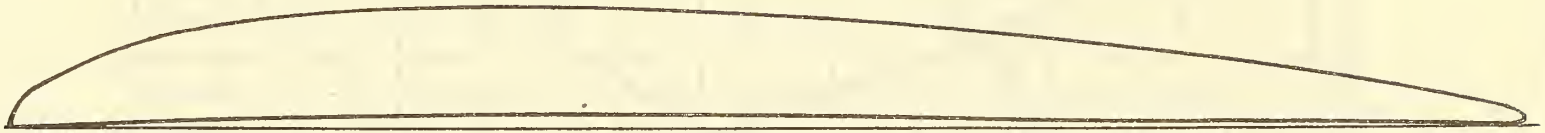
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 5.

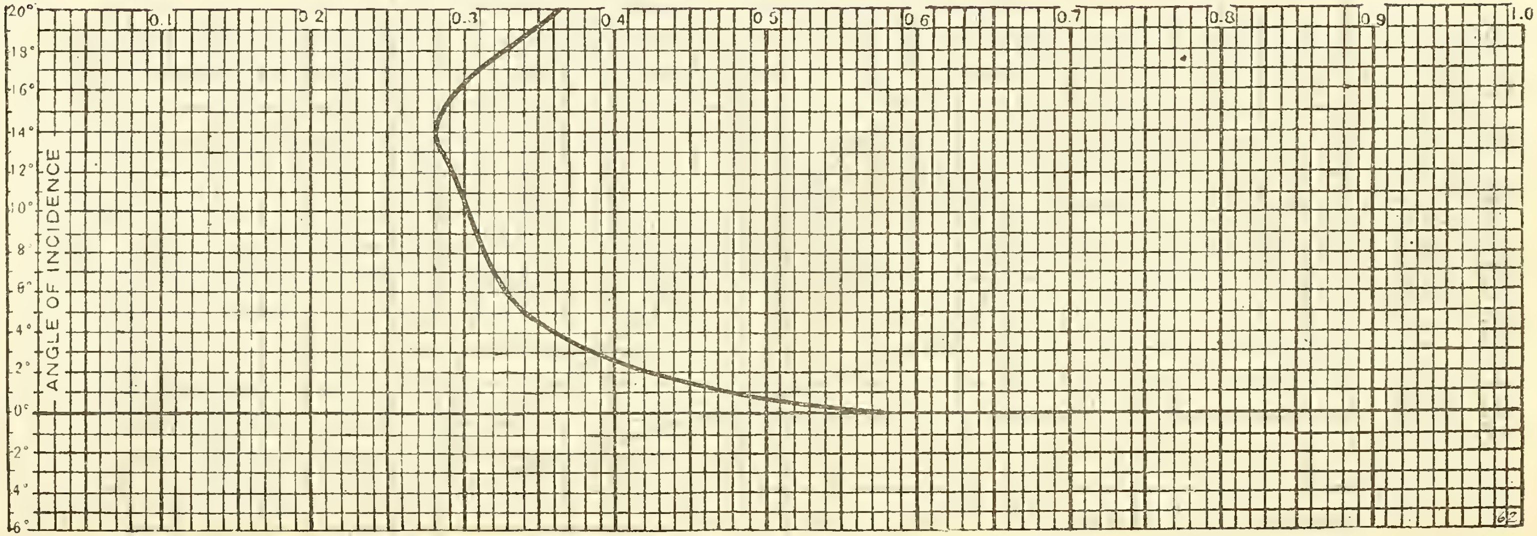
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 6



CURVE OF CENTER OF PRESSURE TRAVEL

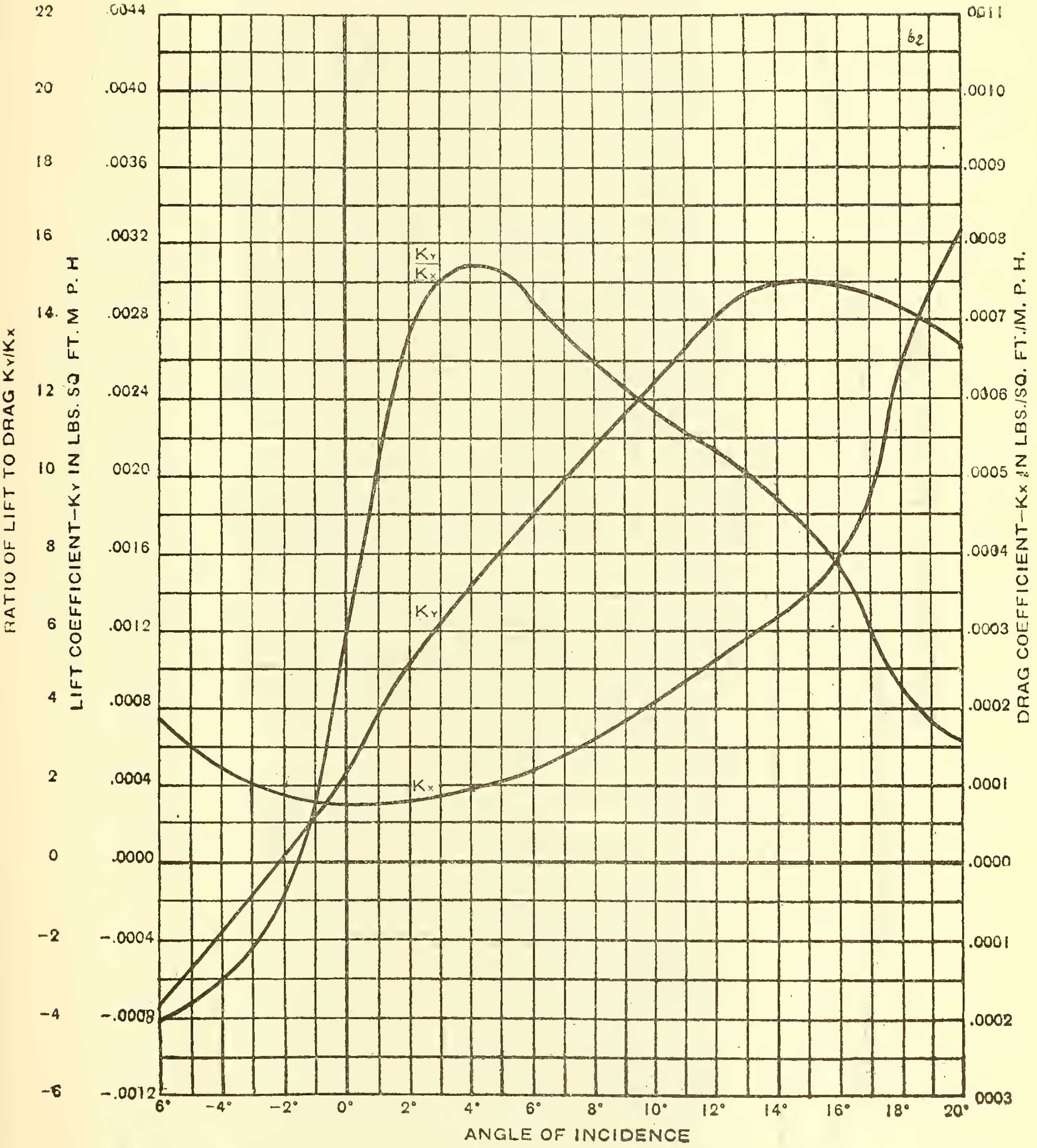


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	1.00
Upper camber	0	.02	.028	.035	.041	.05	.057	.065	.072	.076	.077	.076	.073	.066	.058	.042	.032	.017	.013	0
Lower camber	0				.002		.004		.007		.009	.008		.005		.002				0

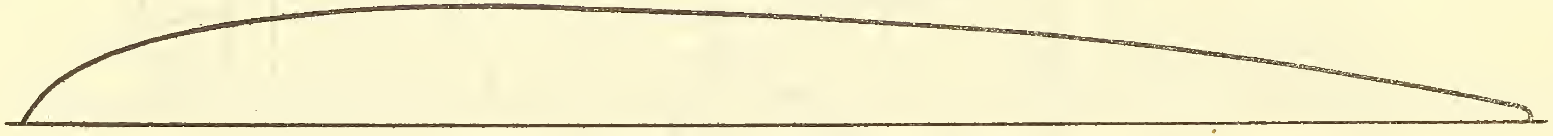
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6.

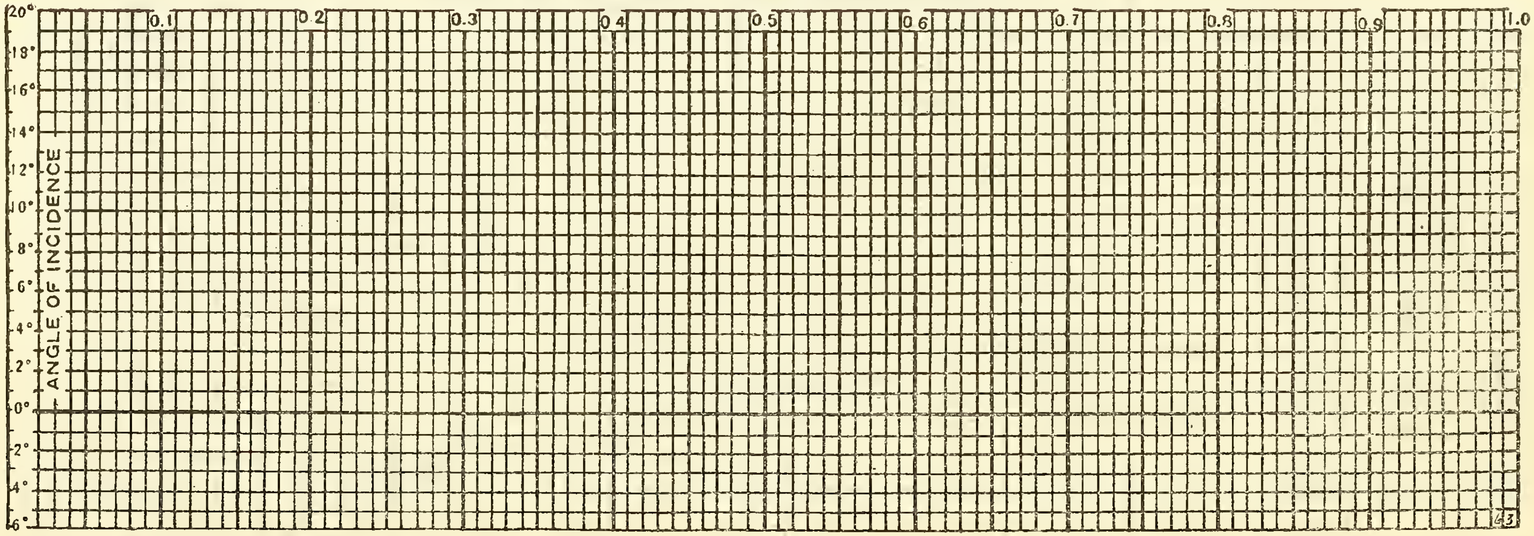
SIZE OF MODEL, 15 BY 2.5 NCHES.
VELOCITY OF WIND, 27.3 M P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 6A.



CURVE OF CENTER OF PRESSURE TRAVEL

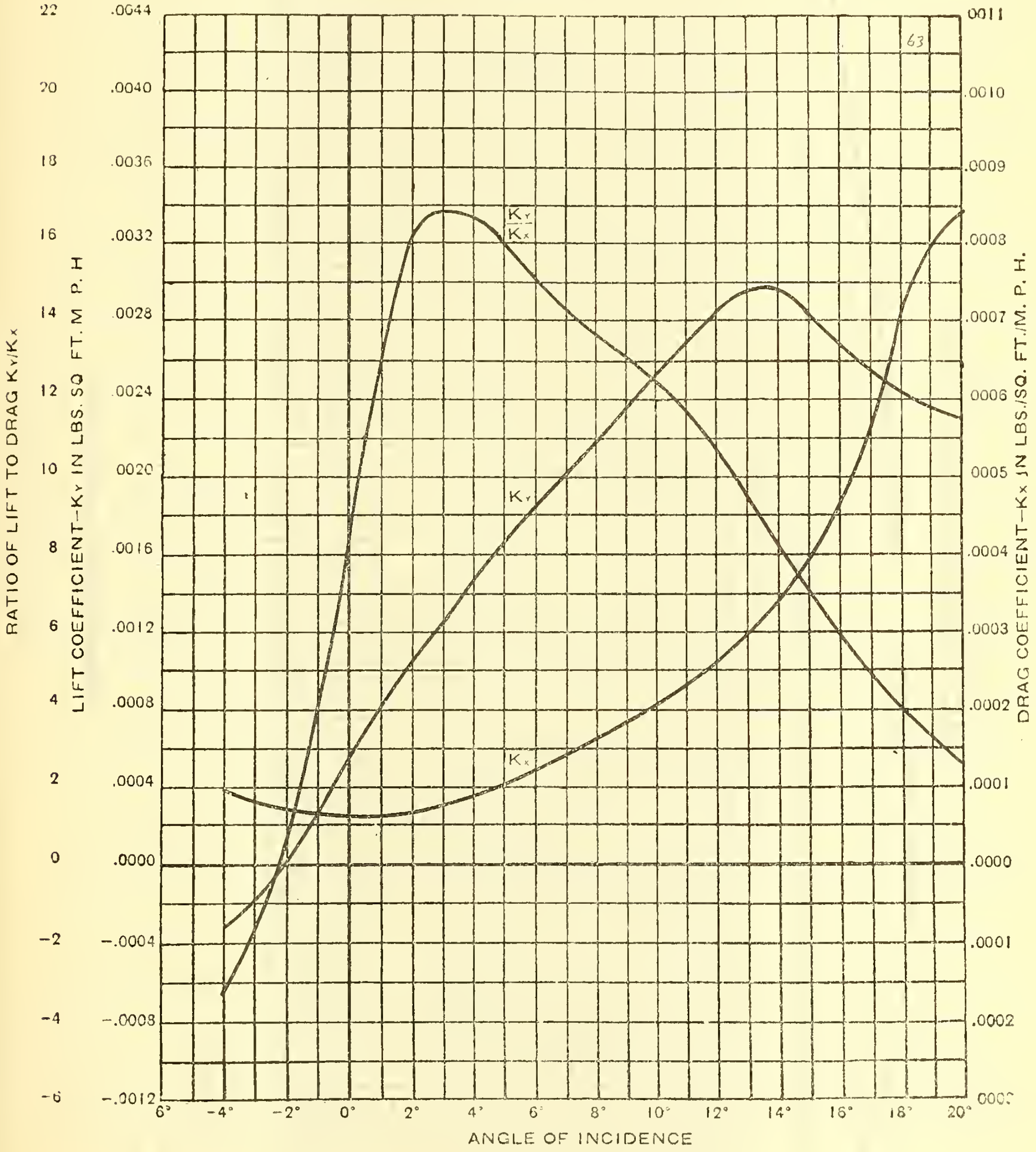


Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.028	.044	.0599	.073	.075	.073	.0699	.063	.0549	.0415	.0276	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0

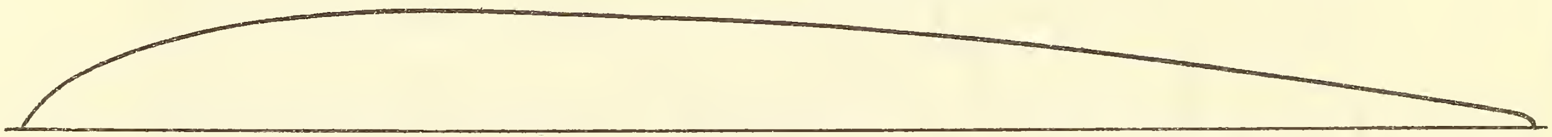
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6A.

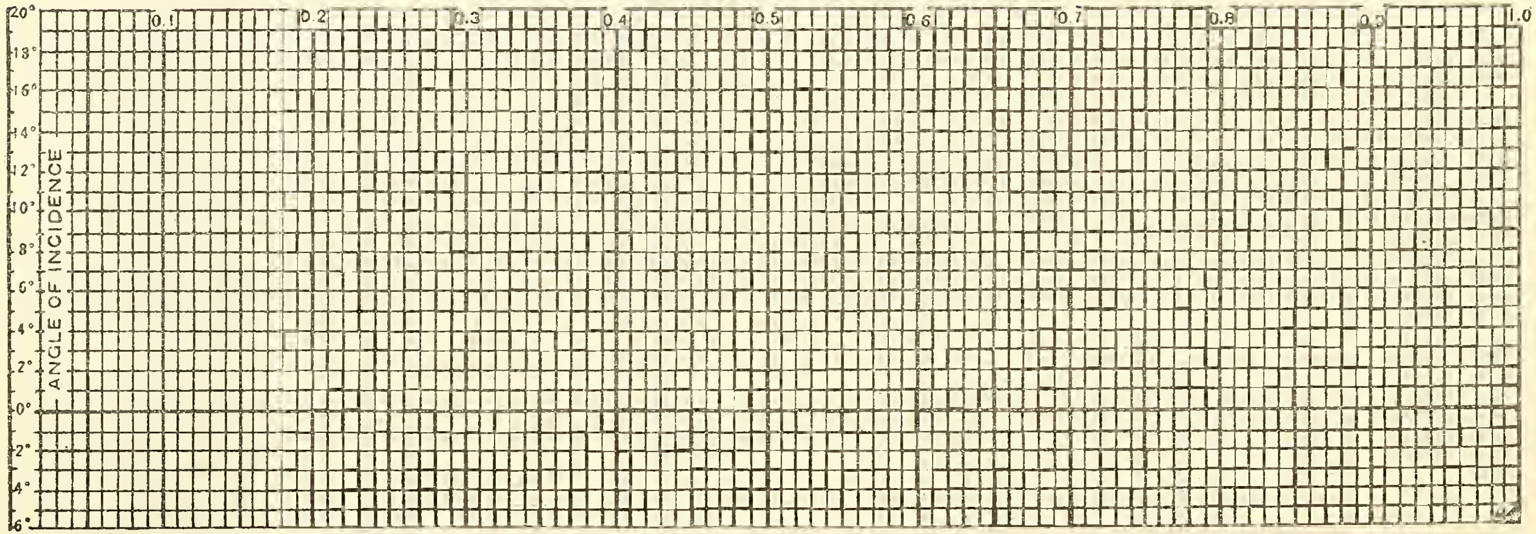
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 6A.



CURVE OF CENTER OF PRESSURE TRAVEL

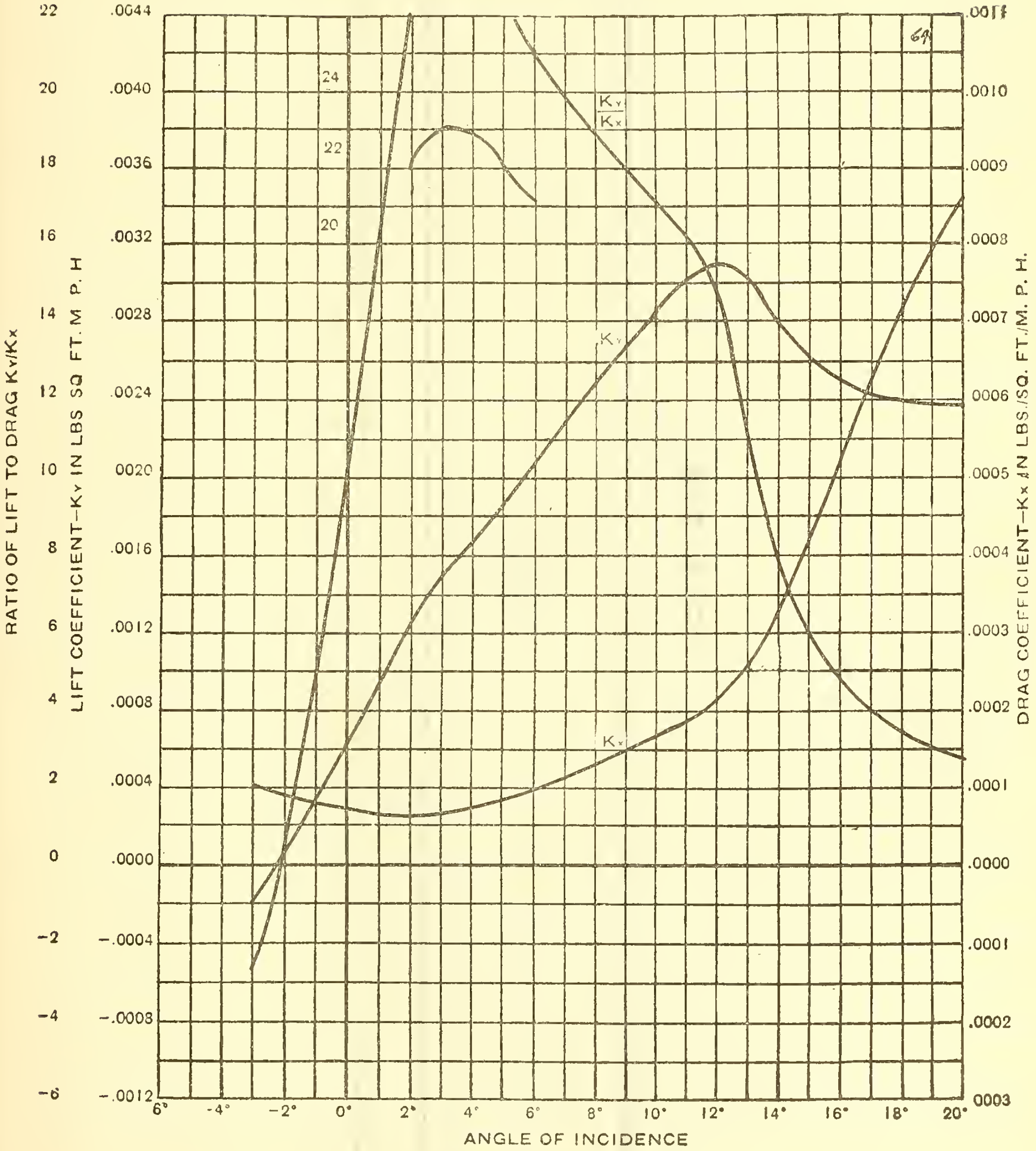


Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.028	.044	.0599	.073	.075	.073	.0699	.063	.0549	.0415	.0276	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0

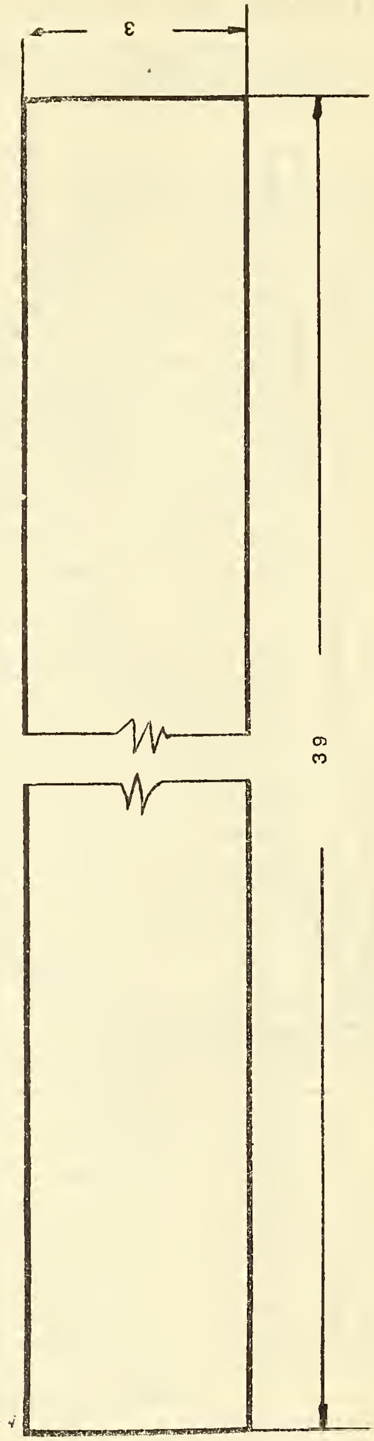
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6A.

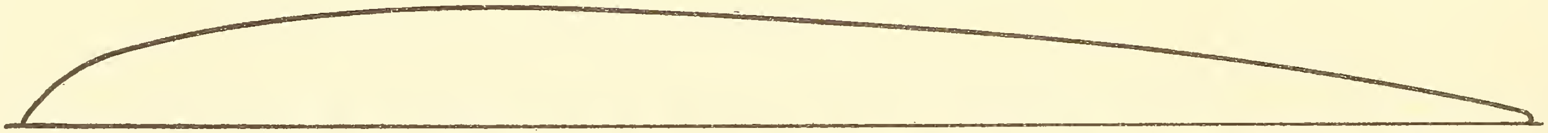
SIZE OF MODEL, 39 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



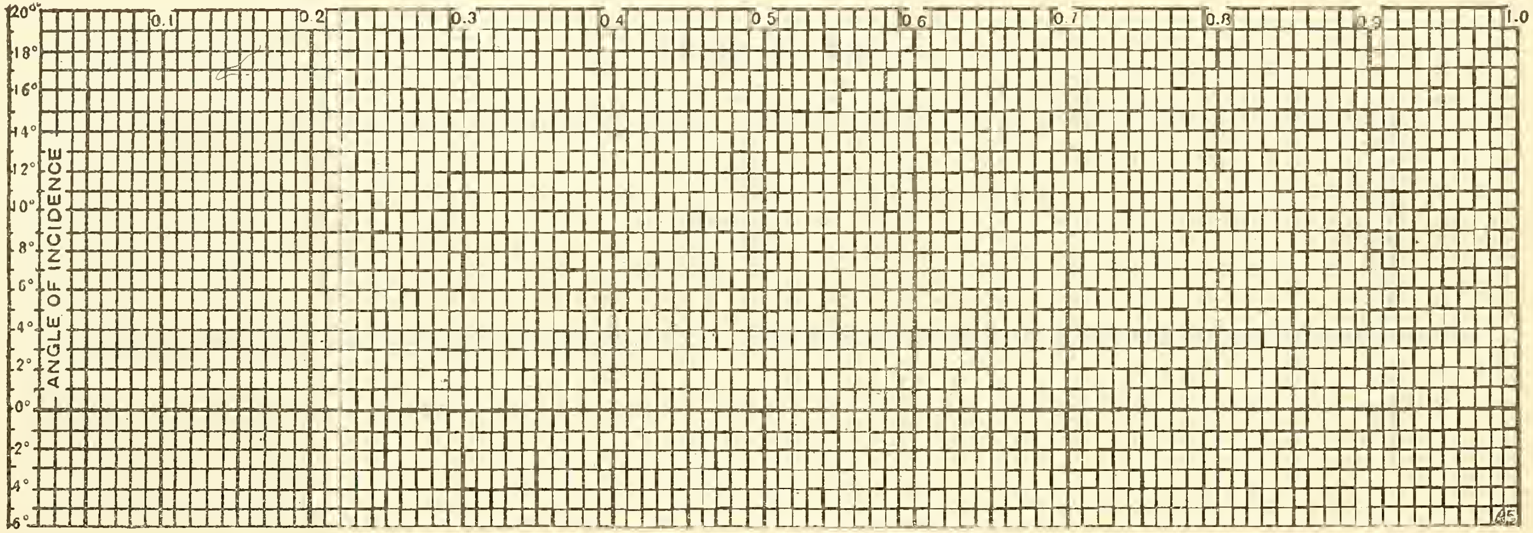
R. A. F. 6A.



AEROFOIL, R. A. F. 6A.



CURVE OF CENTER OF PRESSURE TRAVEL

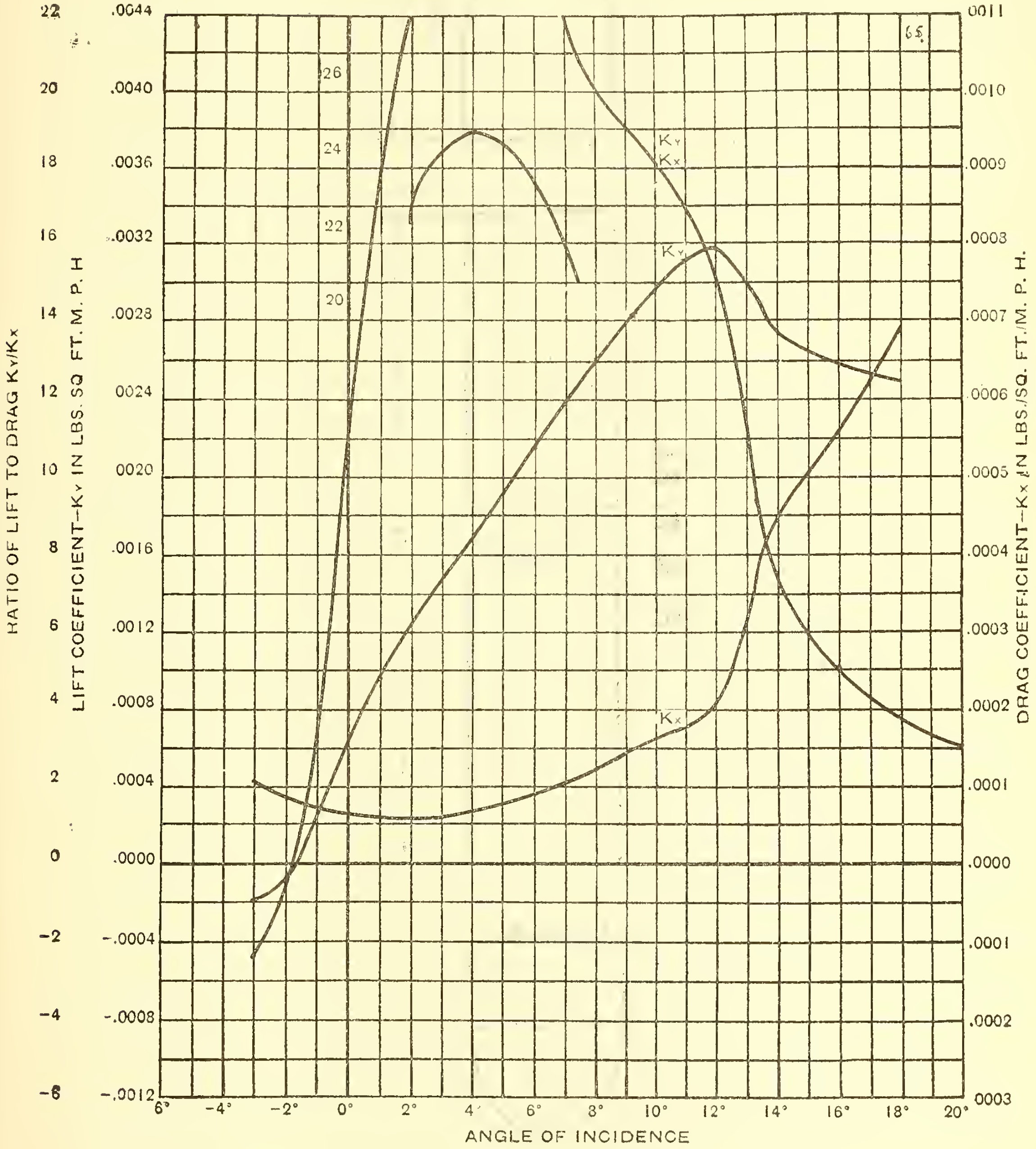


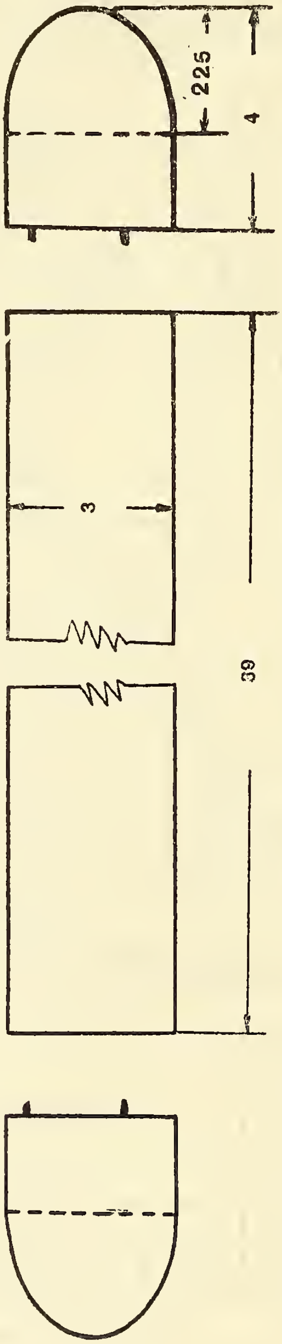
Distance from leading edge.......	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber....................	0	.028	.044	.0599	.073	.075	.073	.0699	.063	.0549	.0415	.0276	
Lower camber....................	0	0	0	0	0	0	0	0	0	0	0	0	

All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6A.

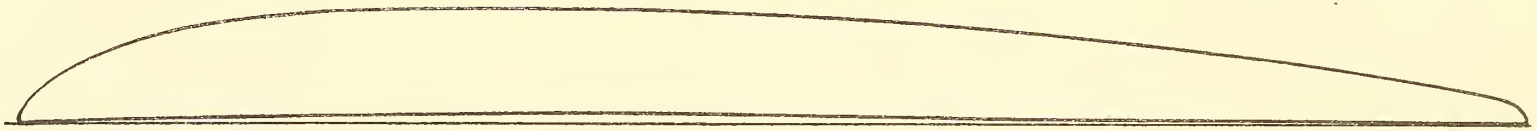
SIZE OF MODEL, 47 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



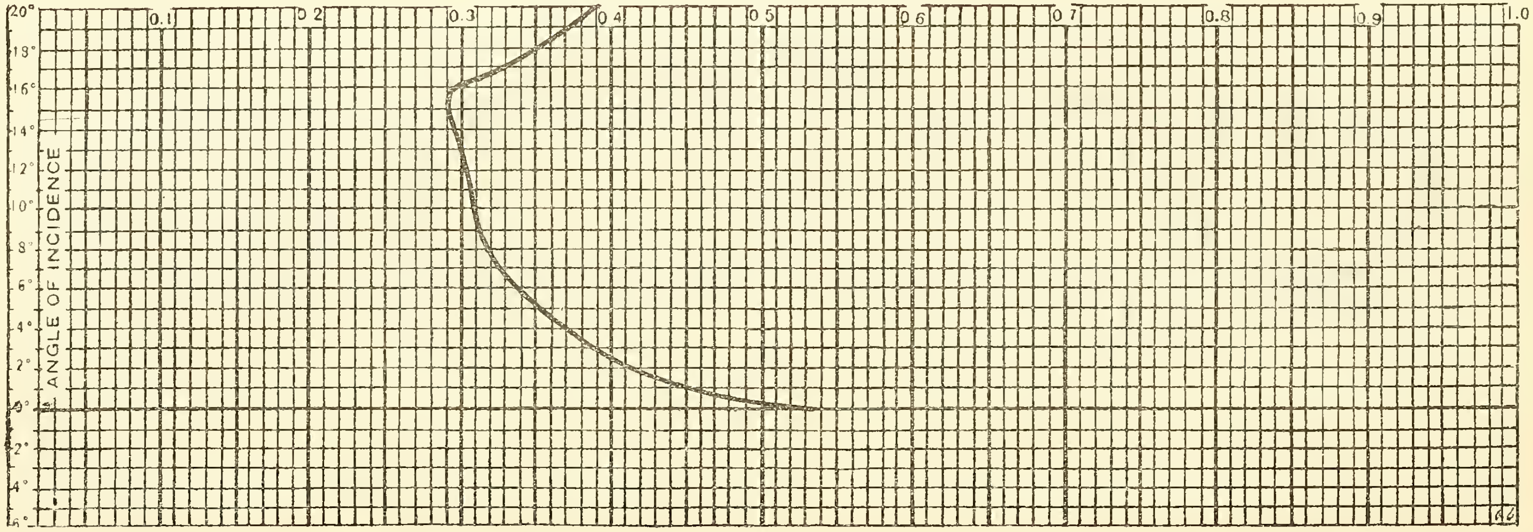


R. A. F. 6A.

AEROFOIL, R. A. F. 6C.



CURVE OF CENTER OF PRESSURE TRAVEL

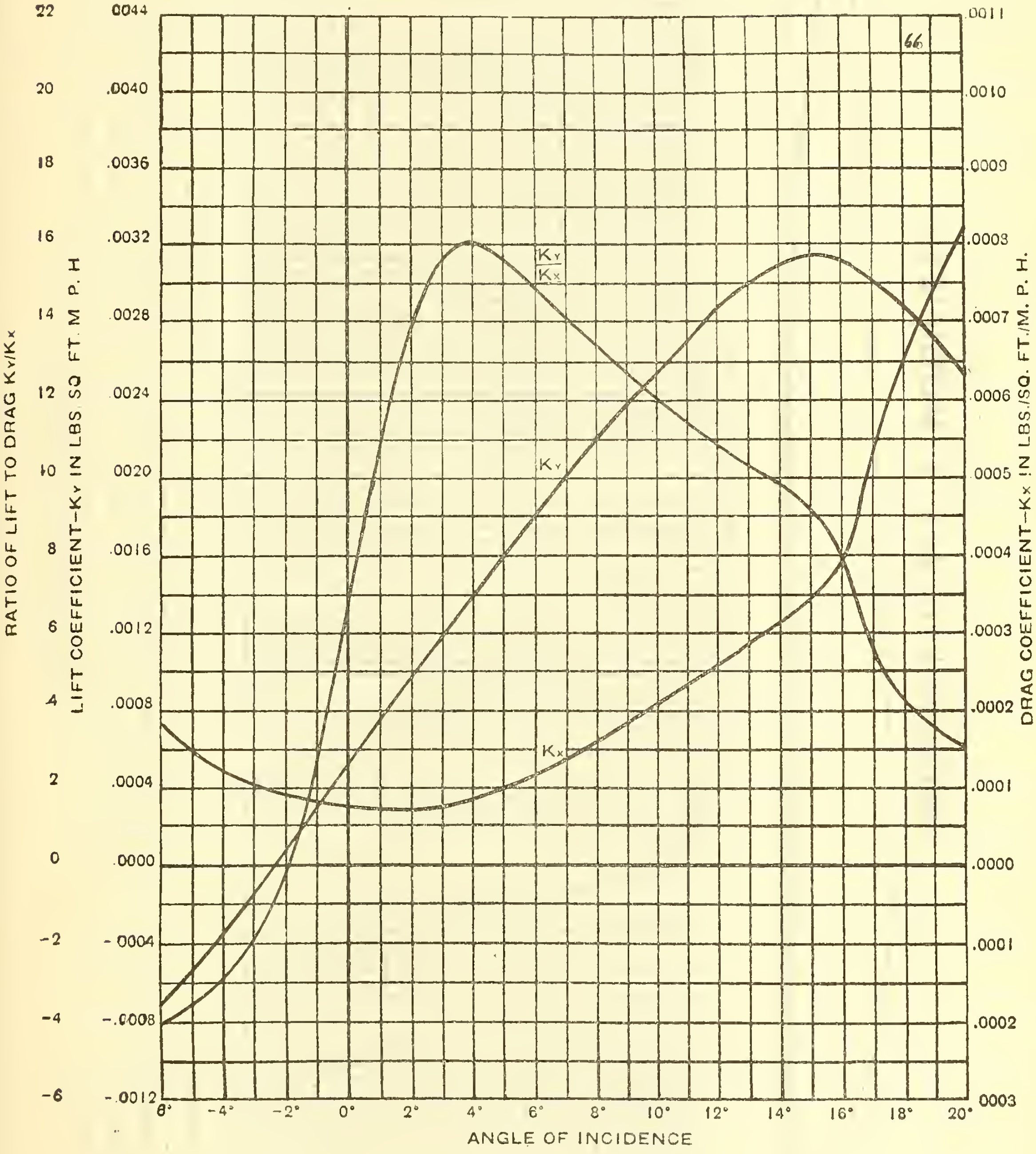


Distance from leading edge	0	.010	.020	.030	.040	.060	.080	.120	.160	.240	.320	.400	.500	.600	.700	.800	.900	.960	.980	.990	1.00
Upper camber	0	.020	.028	.035	.040	.050	.057	.065	.071	.076	.072	.077	.073	.068	.059	.047	.032	.021	.016	.012	0
Lower camber	0	....	....	....	.002	....	.004	....	.007	....	.009	.008	....	.006	....	.002	....	....	....	....	0

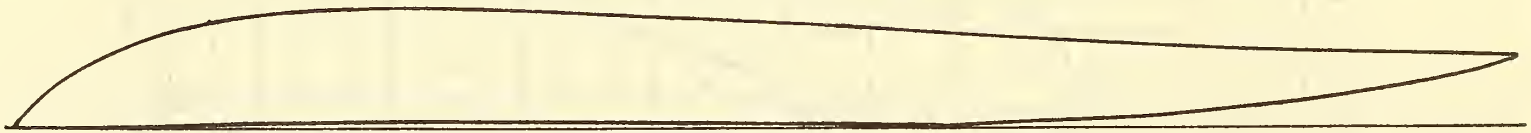
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6c.

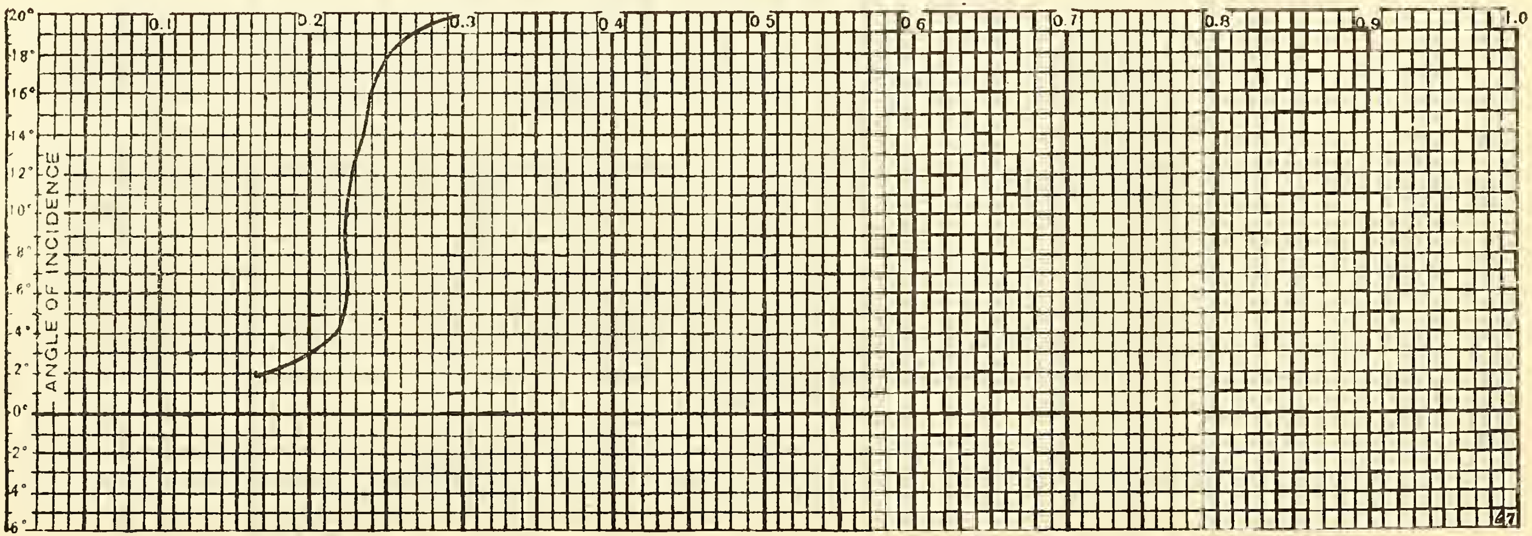
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 6 (MODIFIED).



CURVE OF CENTER OF PRESSURE TRAVEL

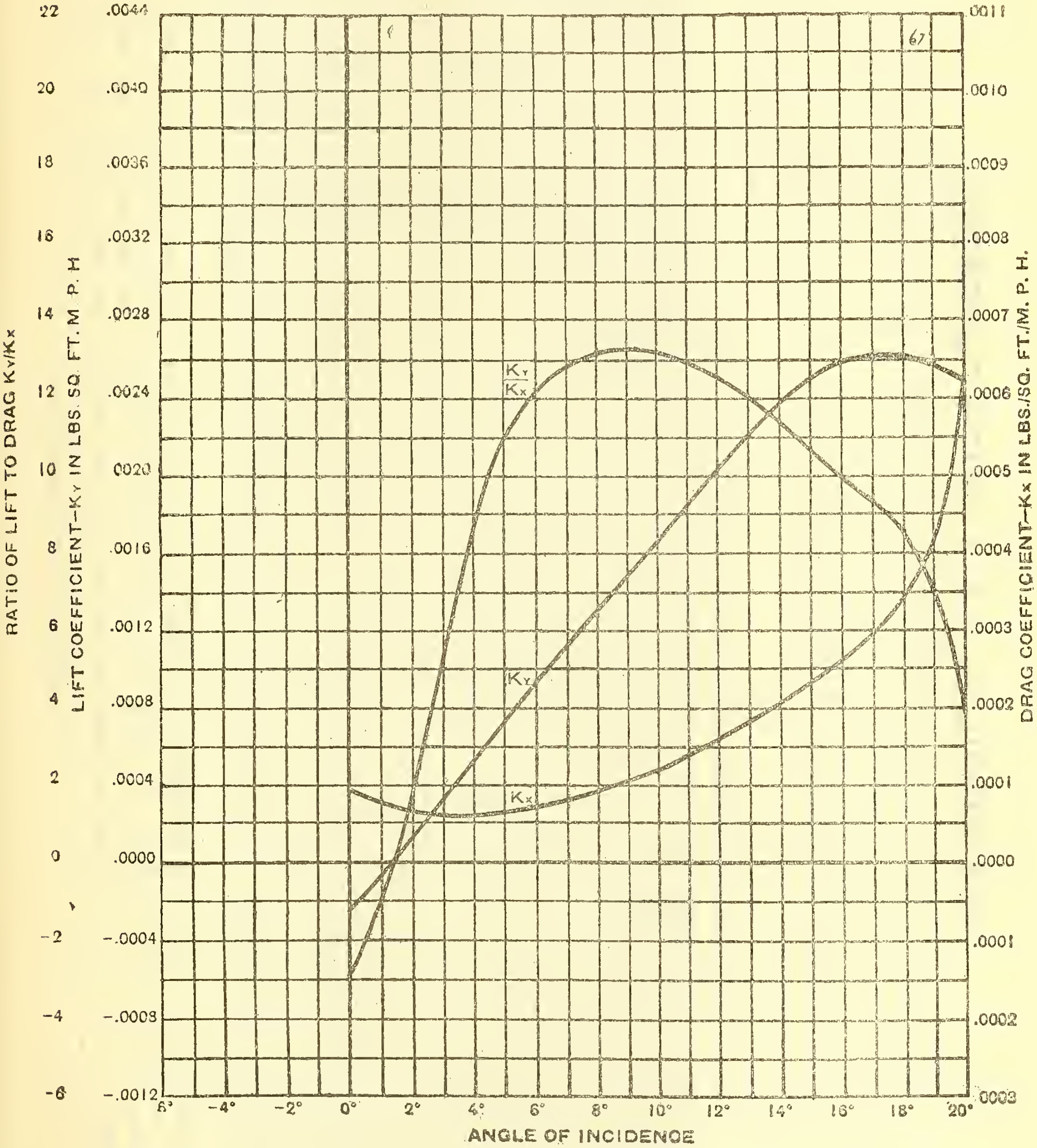


Distance from leading edge.......	0	.033	.067	.100	.133	.167	.233	.300	.333	.367	.433	.500	.567	.633	.667	.700	.767	.833	.900	.967	1.00
Upper camber....................	0	.036	.052	.061	.068	.073	.081	.082	......	.079	.075	.071	.067	.062	......	.058	.055	.052	.049	.048	......
Lower camber....................	0	......	.003	......	......	.007	......	......	.008	......	......	.008	......	......	.006	.008	.012	.017	.025	.035	.043

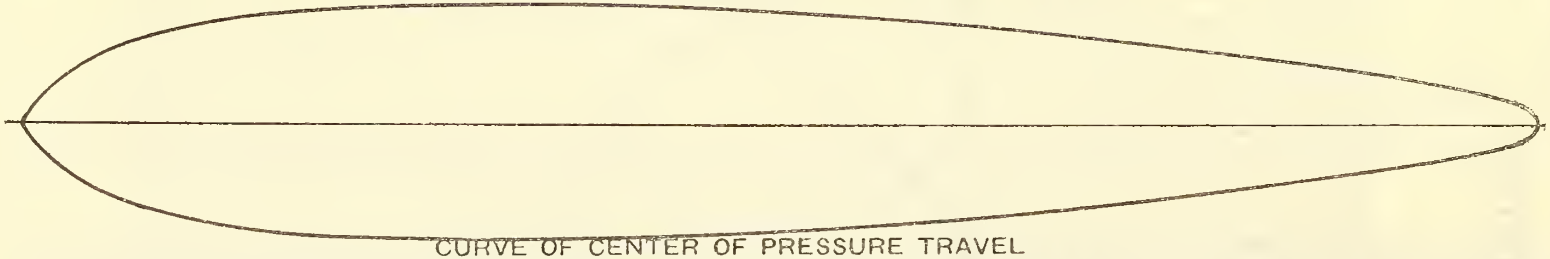
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6 (MODIFIED).

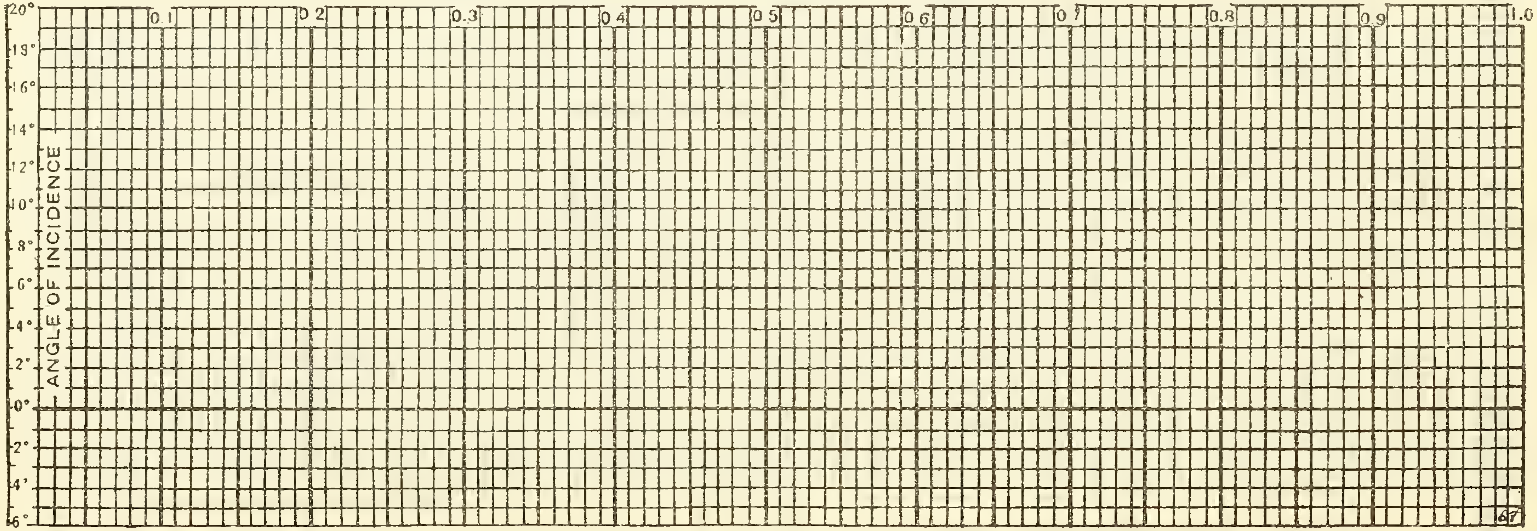
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 20.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 6 (BOTH SURFACES).



CURVE OF CENTER OF PRESSURE TRAVEL

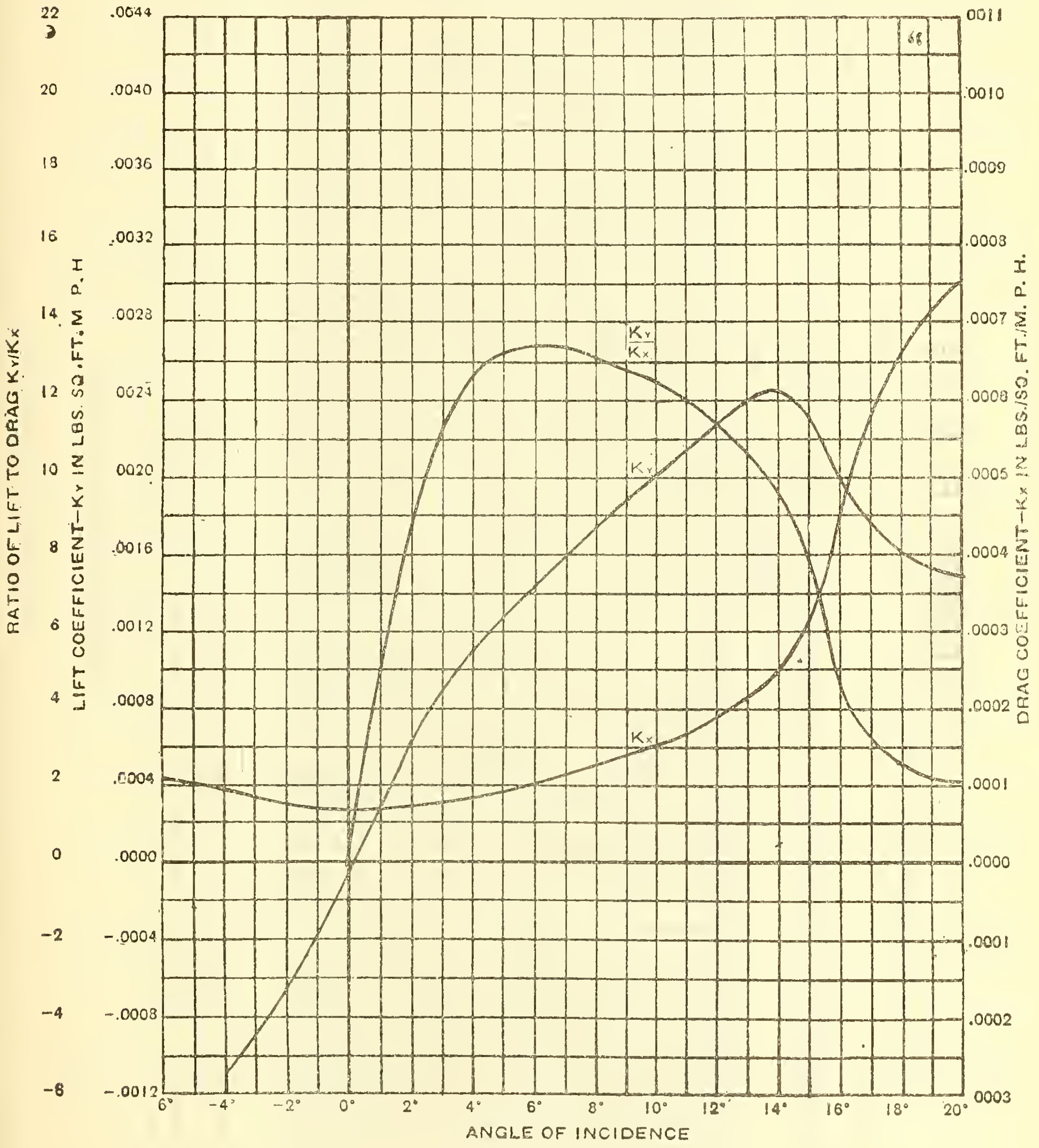


Distance from leading edge	0	.010	.020	.030	.040	.060	.080	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.020	.028	.035	.040	.050	.057	.065	.071	.076	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	0	−.020	−.028	−.035	−.040	−.050	−.057	−.065	−.071	−.076	−.078	−.077	−.073	−.068	−.059	−.047	−.032	−.021	−.016	−.013	0

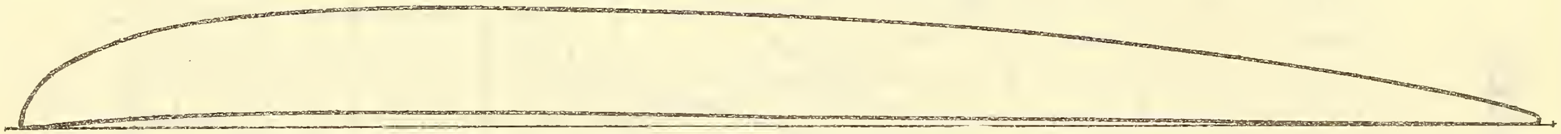
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 6 (BOTH SURFACES).

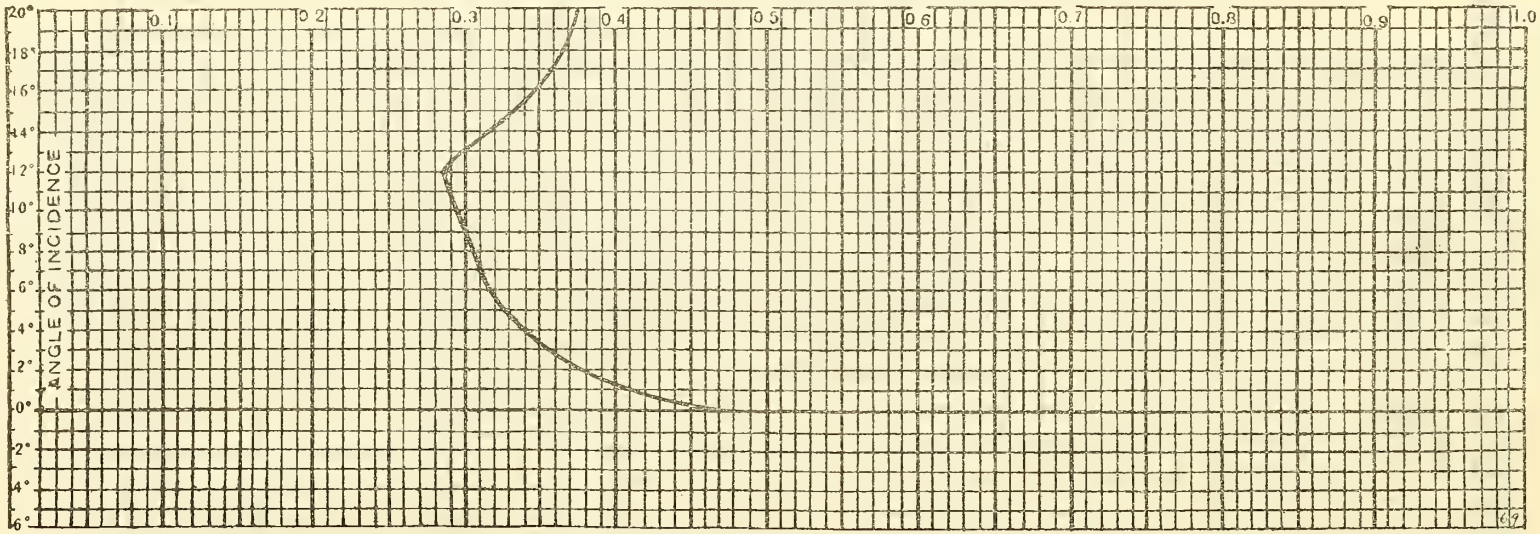
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 8



CURVE OF CENTER OF PRESSURE TRAVEL

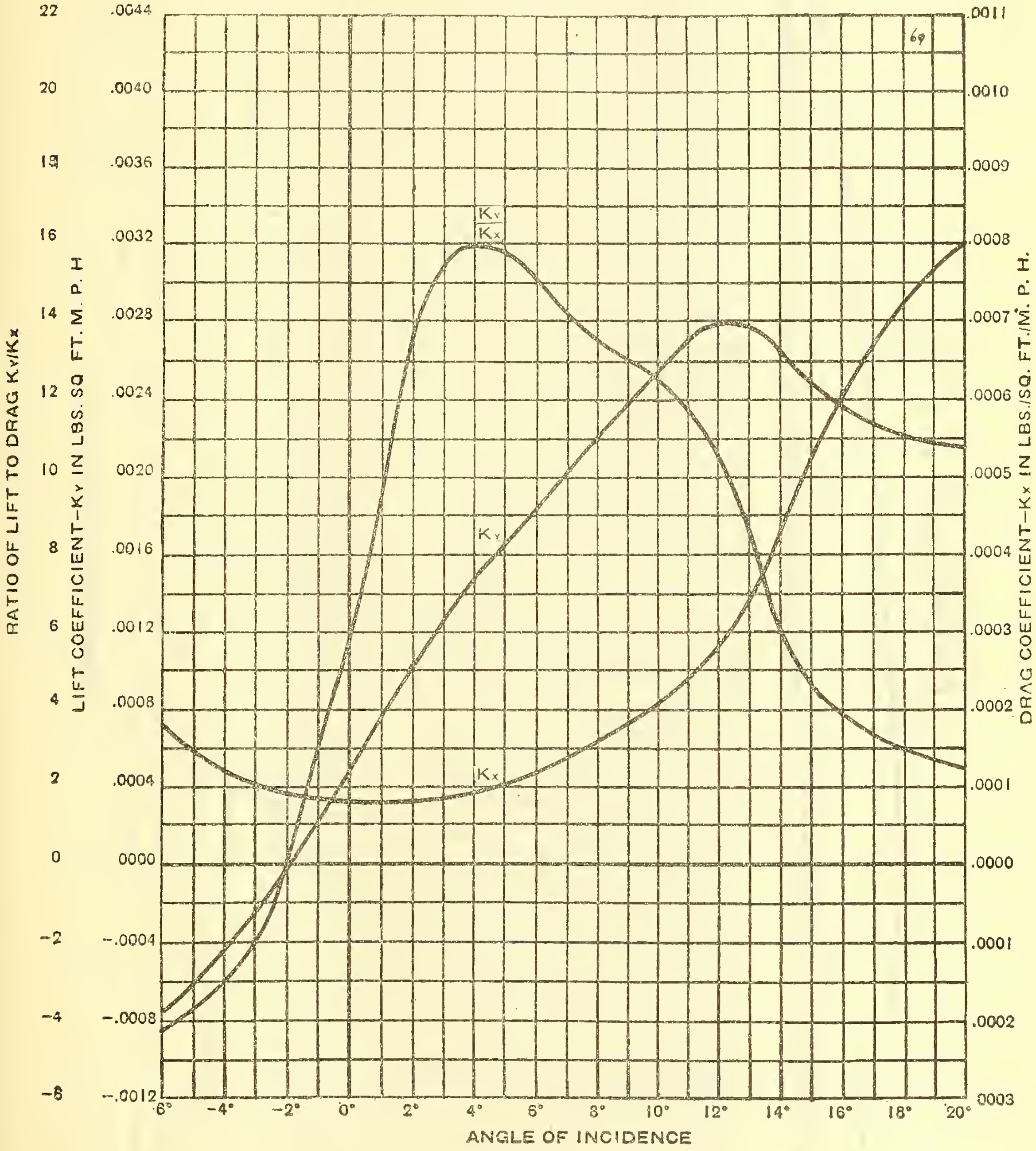


Distance from leading edge.......	0	.001	.020	.030	.040	.060	.080	.120	.160	.240	.320	.400	.500	.600	.700	.800	.900	.960	.980	.990	1.00
Upper camber..................	0	.031	.038	.044	.048	.056	.061	.068	.073	.076	.076	.074	.071	.065	.056	.045	.028	.016	.011	.009	0
Lower camber..................	0	....	.000	....	.002	....	.006	....	.010	....	.008	.007	....	.003	....	.000	....	....	....	....	0

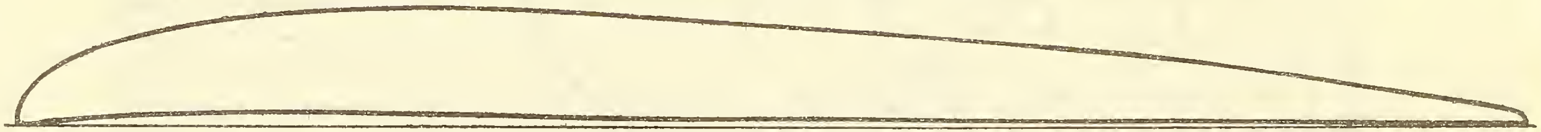
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 8.

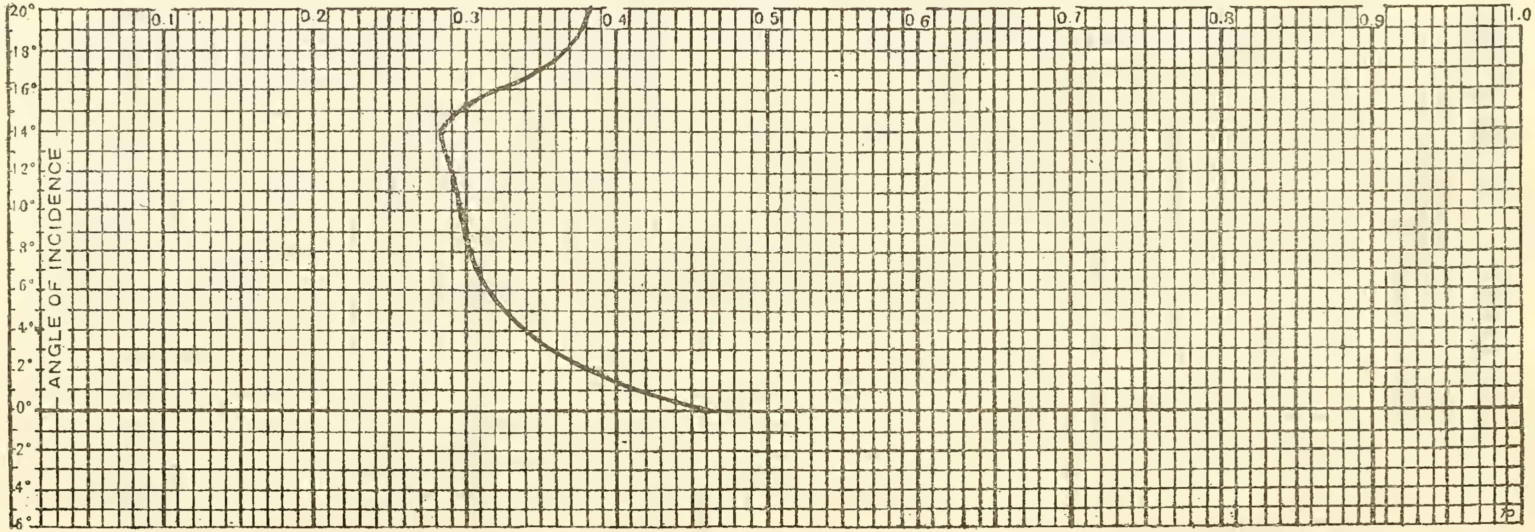
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 9.



CURVE OF CENTER OF PRESSURE TRAVEL

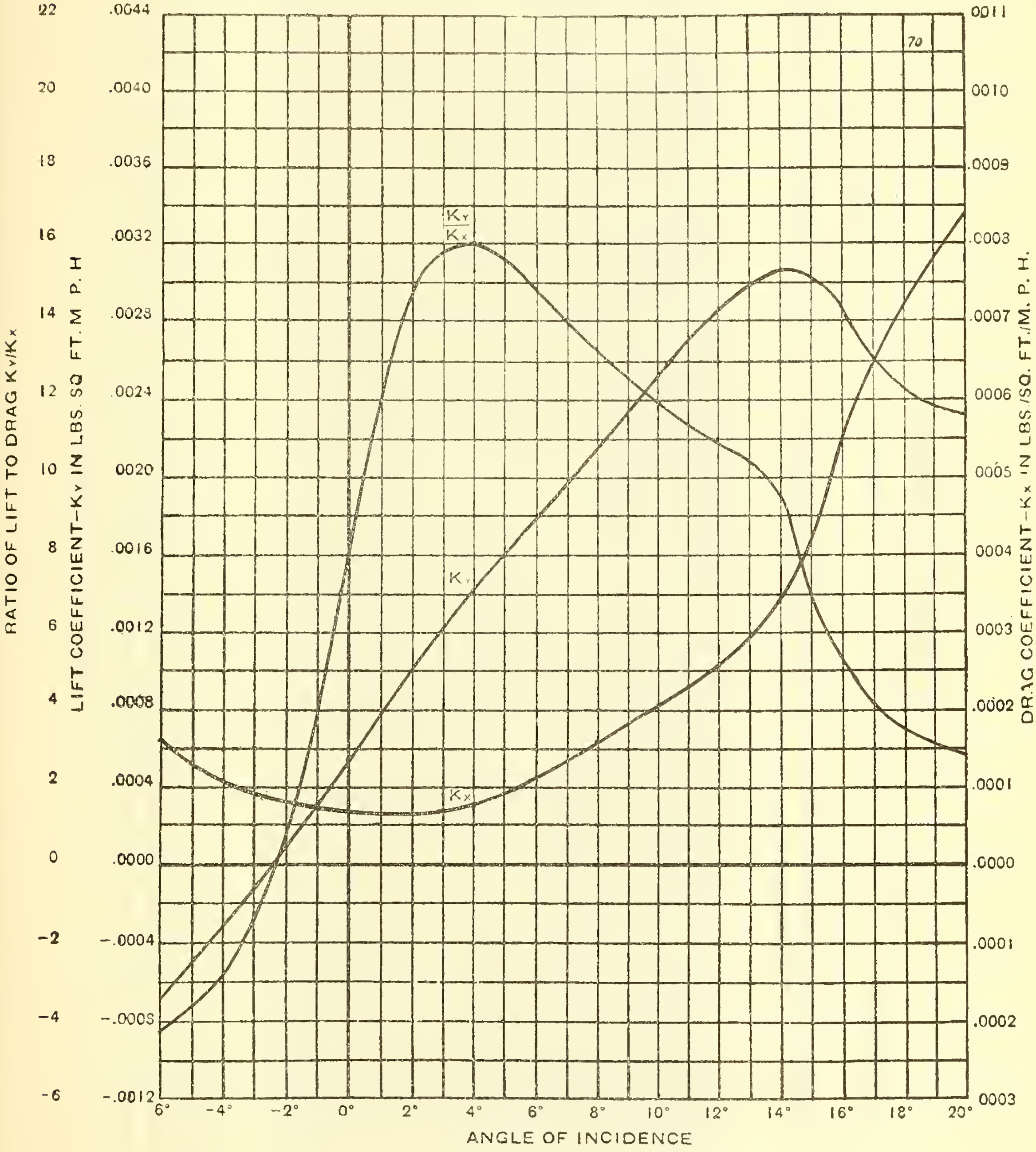


Distance from leading edge.......	0	.001	.020	.030	.040	.060	.080	.120	.160	.240	.320	.400	.500	.600	.700	.800	.900	.960	.980	.990	1.00
Upper camber....................	0	.026	.032	.038	.043	.052	.059	.067	.071	.073	.073	.071	.067	.061	.052	.040	.025	.015	.011	.009	0
Lower camber....................	0	....	.000	....	.001	....	.003	....	.004	....	.004	.003	....	.002	....	.001	....	.000	....	....	0

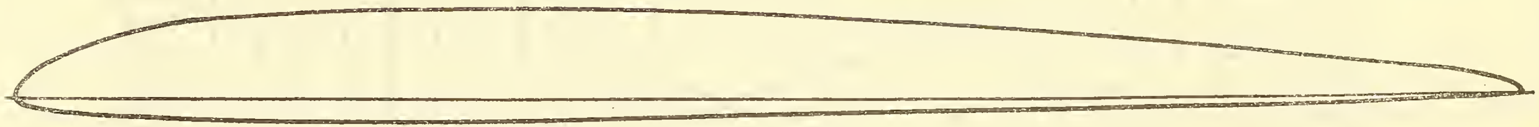
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 9.

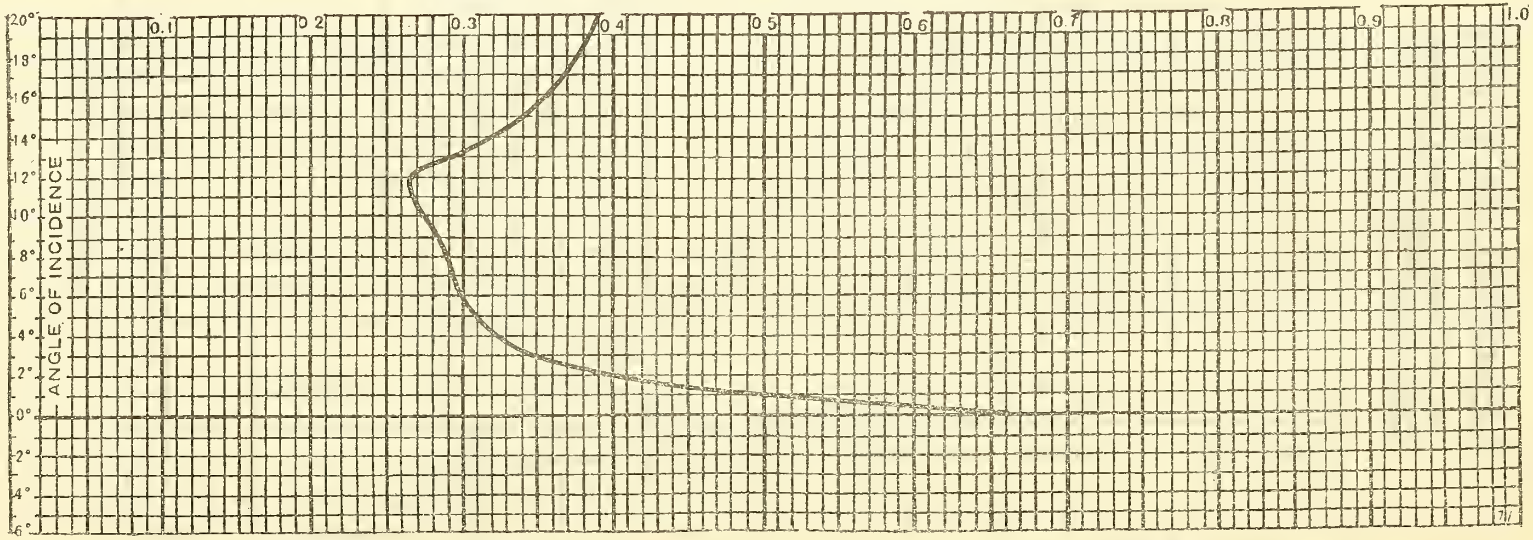
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 11.



CURVE OF CENTER OF PRESSURE TRAVEL

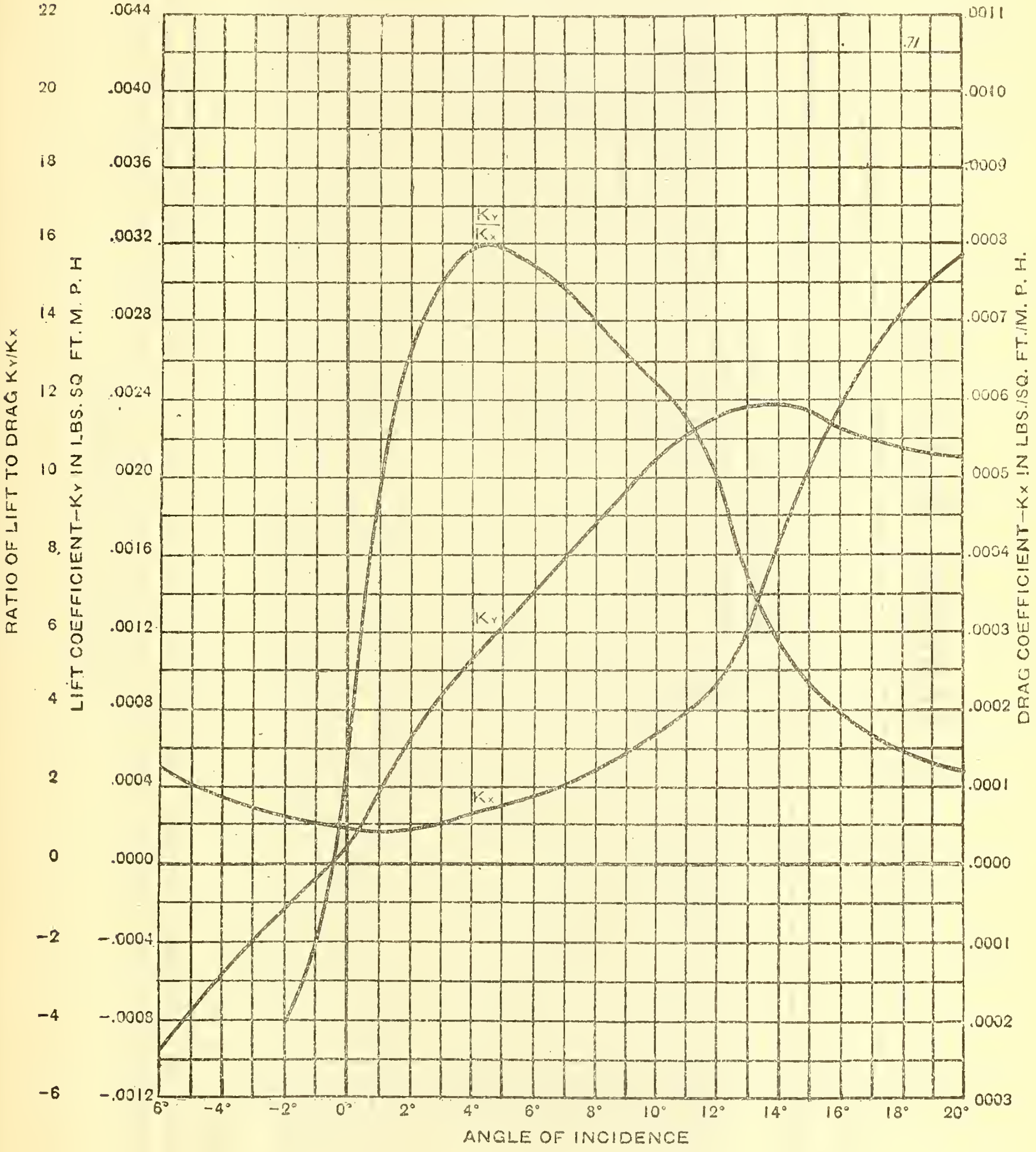


Distance from leading edge.	0	.01	.02	.03	.04	.05	.06	.07	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.97	.98	.99	1.00
Upper camber.	0	.0187	.0251	.0299	.0338	.0383	.0408	.0438	.0465	.0527	.0559	.0574	.0574	.0558	.0527	.0480	.0408	.0314	.0196	.0118	.0091	.0080	.0058	0
Lower camber.	0	−.0048	−.0052	−.0066	−.0082	−.0089	−.0099	−.0104	−.0113	−.0128	−.0136	−.0140	−.0140	−.0136	−.0128	−.0117	−.0099	−.0076	−.0047	−.0023	−.0020	−.0019	−.0016	0

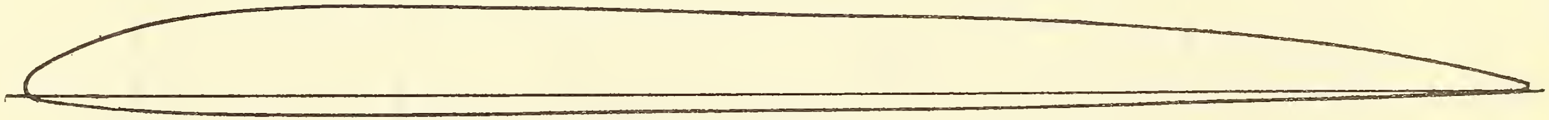
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 11.

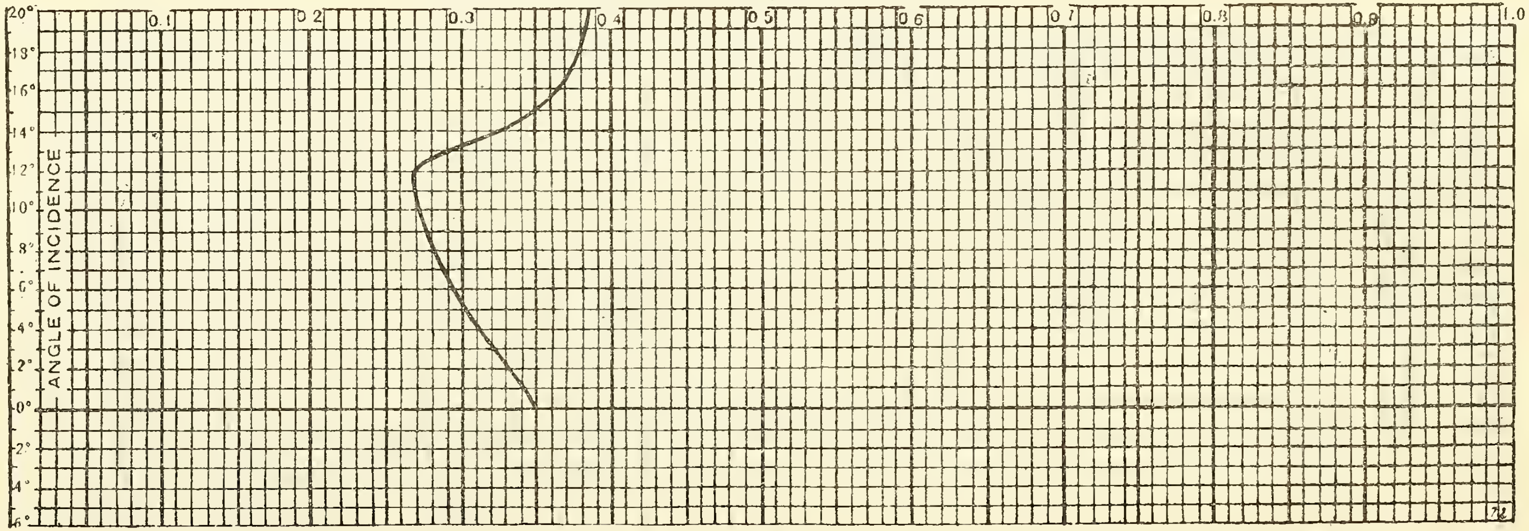
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 12.



CURVE OF CENTER OF PRESSURE TRAVEL

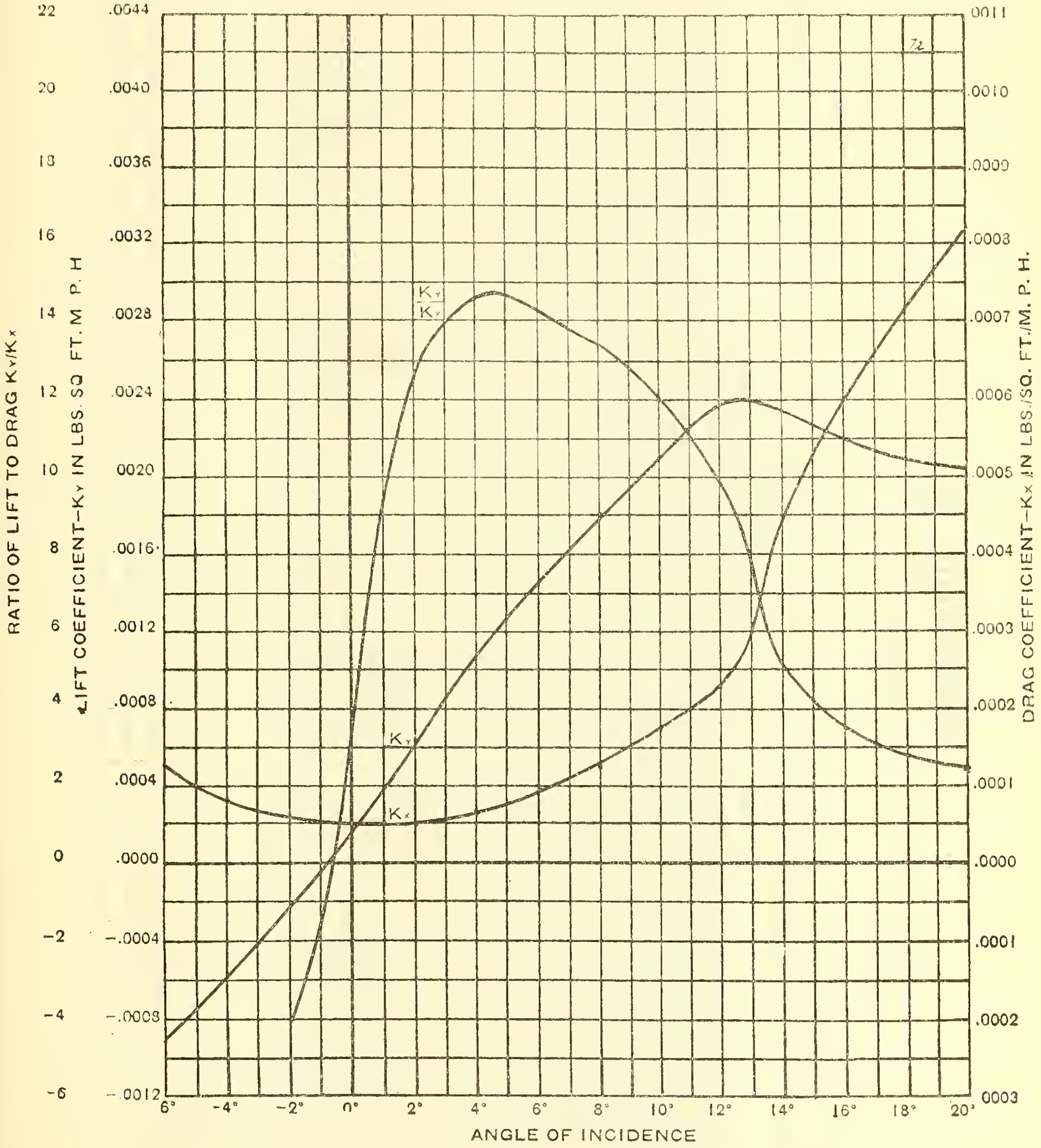


Distance from leading edge.	.01	.02	.03	.04	.05	.06	.07	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99
Upper camber	.0187	.0251	.0290	.0338	.0383	.0408	.0438	.0465	.0527	.0559	.0574	.0574	.0559	.0527	.0480	.0458	.0379	.0248	.0135	.0091	.0062
Lower camber	−.0048	−.0052	−.0066	−.0082	−.0089	−.0099	−.0104	−.0113	−.0128	−.0136	−.0140	−.0140	−.0136	−.0128	−.0117	−.0099	−.0076	−.0047	−.0023	−.0019	−.0016

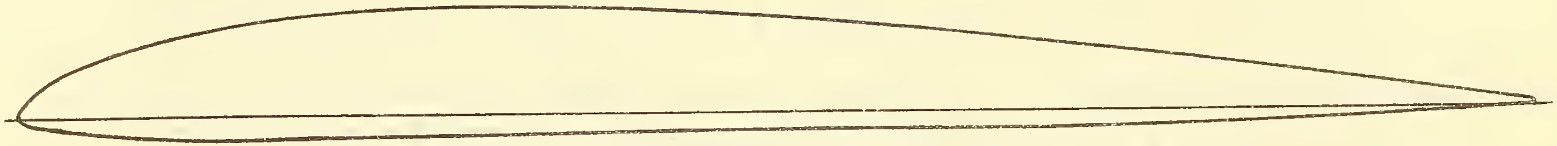
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 12.

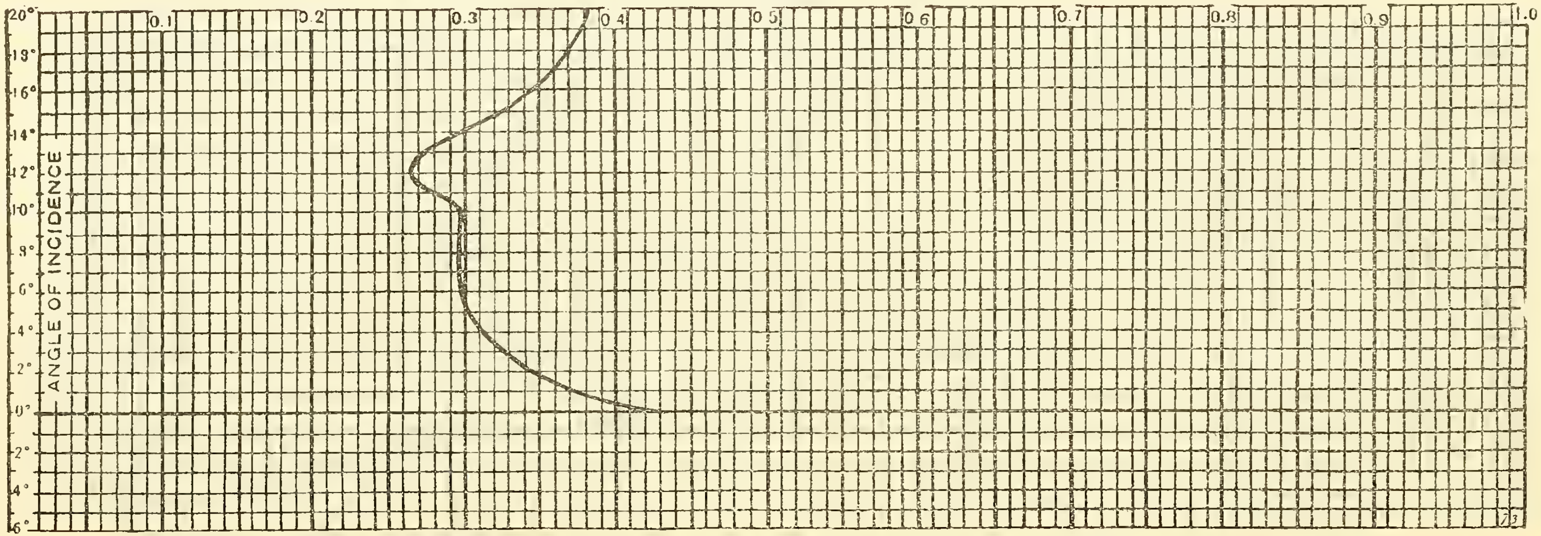
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 13.



CURVE OF CENTER OF PRESSURE TRAVEL

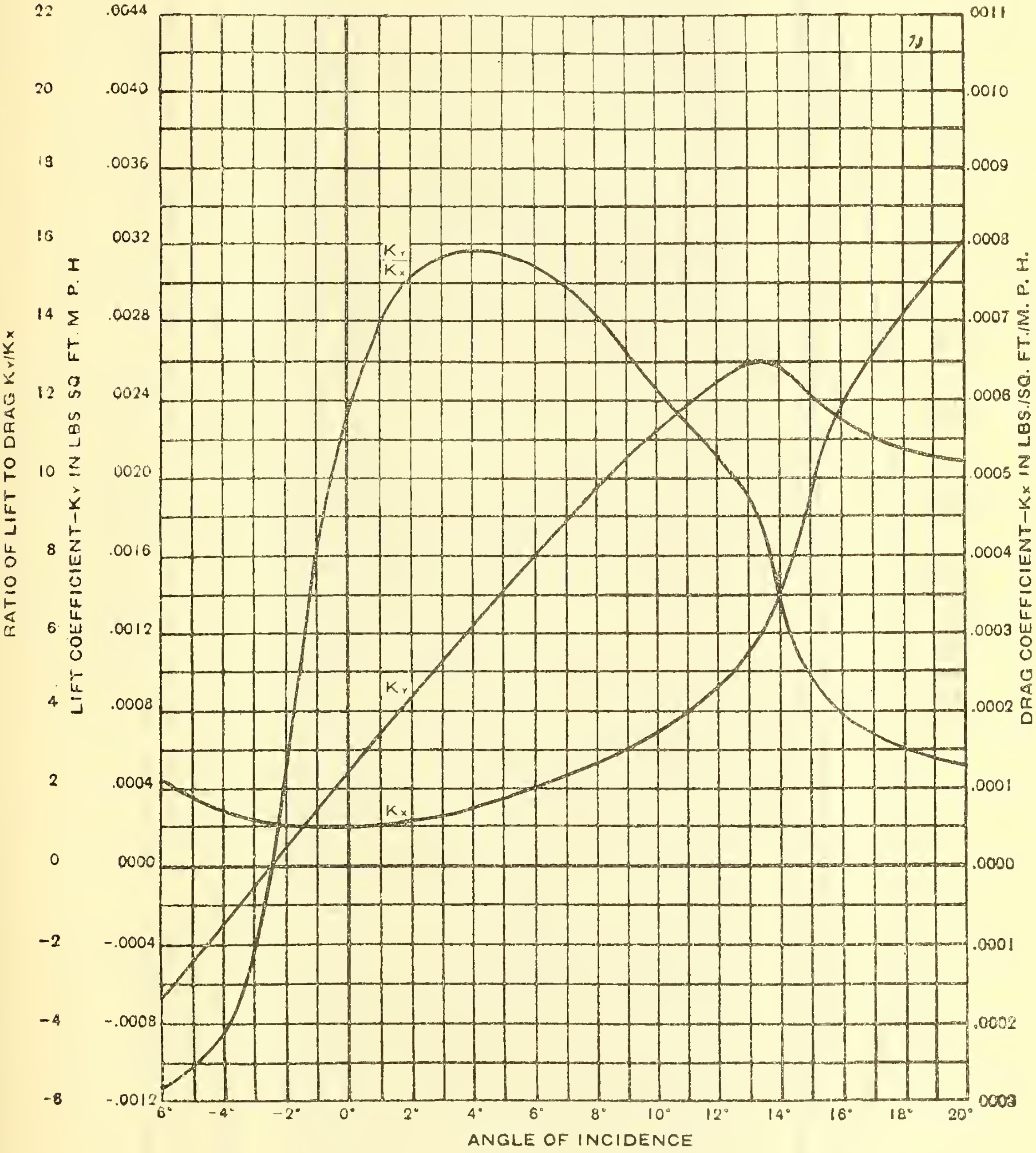


Distance from leading edge.	.01	.02	.03	.04	.05	.06	.07	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.97	.98	.99
Upper camber............	.0187	.0251	.0299	.0340	.0395	.0434	.0470	.0492	.0563	.0612	.0675	.0710	.0688	.0625	.0460	.0408	.0314	.0196	.0118	.0091	.0080	.0058
Lower camber............	−.0048	−.0052	−.0066	−.0082	−.0089	−.0099	−.0104	−.0113	−.0128	−.0136	−.0140	−.0140	−.0136	−.0128	−.0117	−.0099	−.0076	−.0047	−.0023	−.0020	−.0019	−.0016

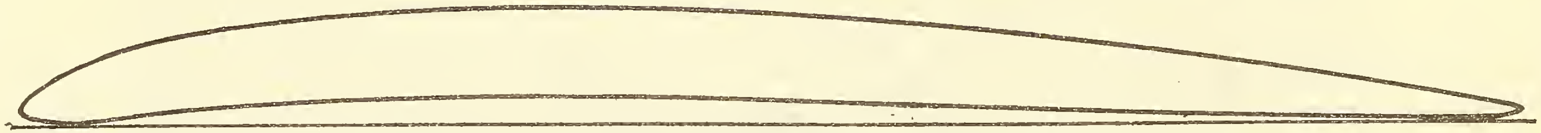
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 13.

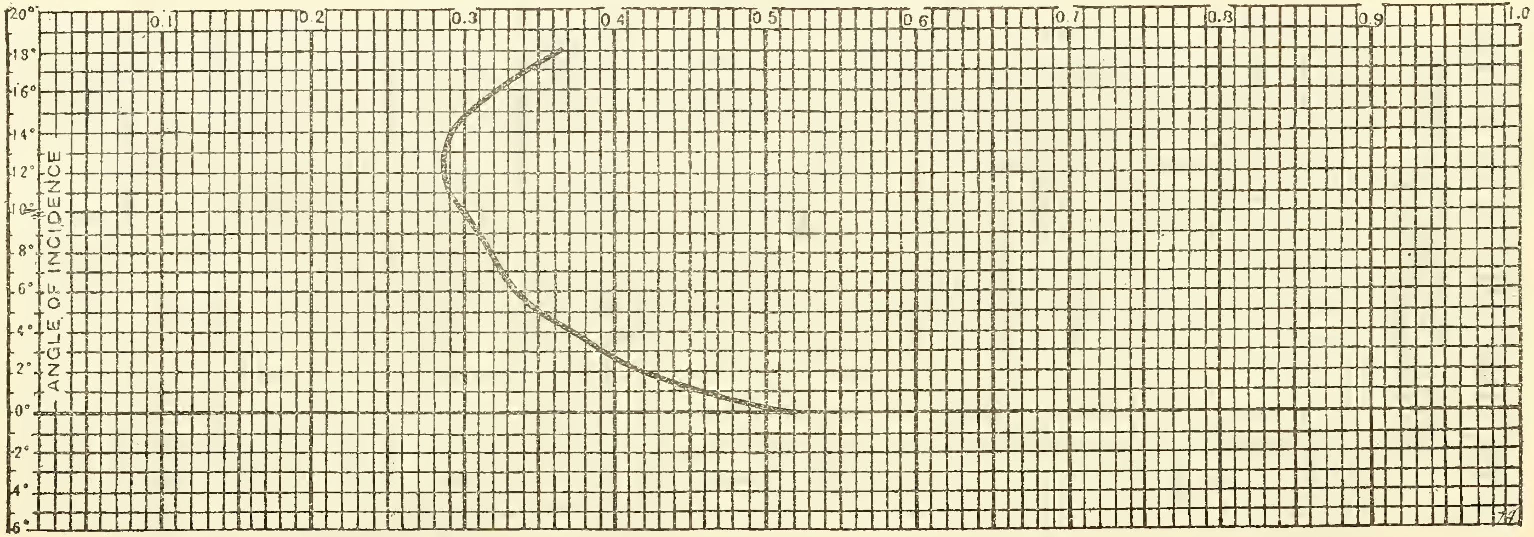
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 14.



CURVE OF CENTER OF PRESSURE TRAVEL

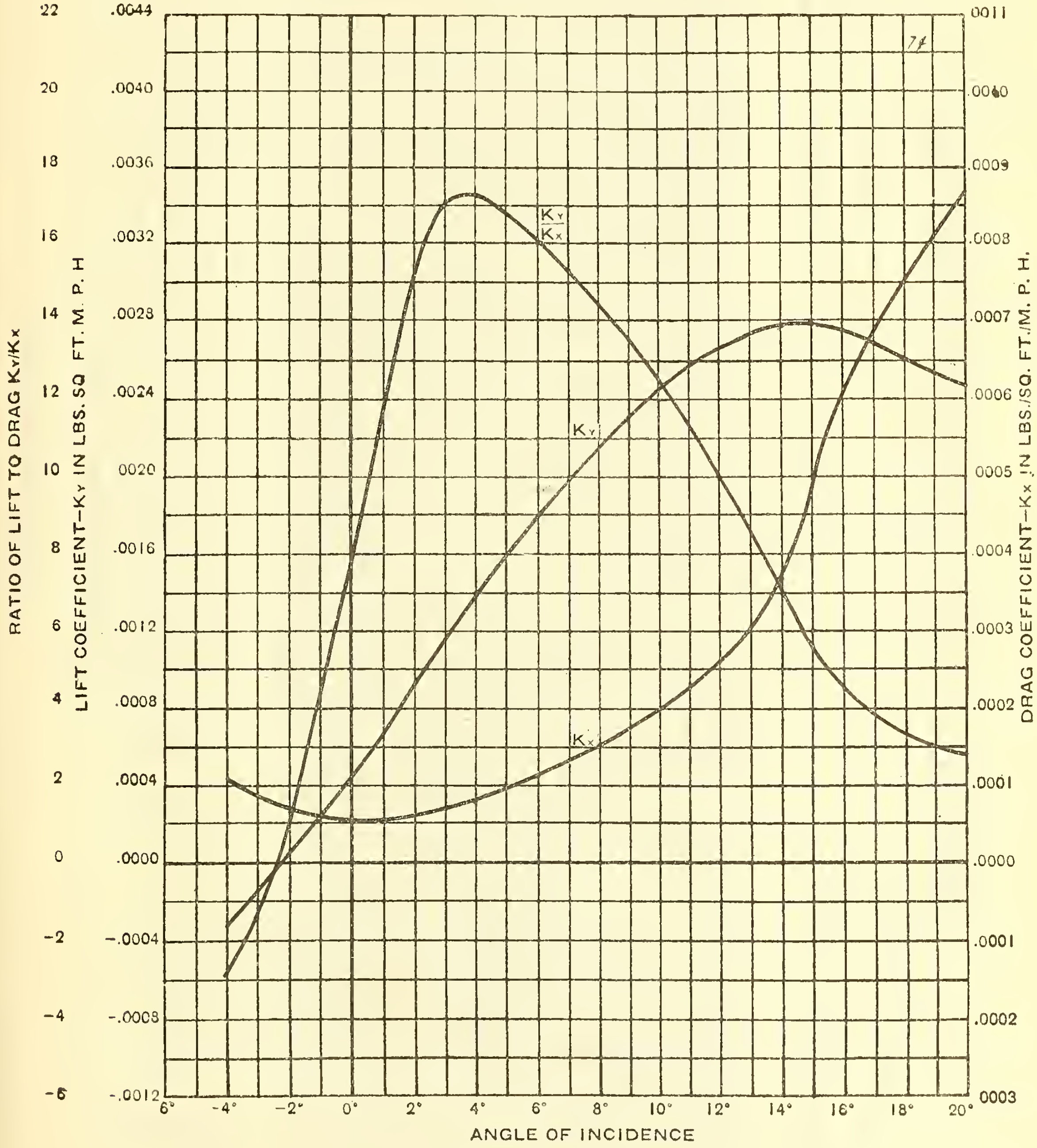


Distance from leading edge.	0	.006	.01	.03	.06	.08	.10	.12	.14	.16	.20	.26	.30	.40	.50	.60	.70	.80	.90	.94	.96	.98	.99	.995	1.00
Upper camber.....	.007	.013	.016	.03	.0415	.047	.052	.0565	.061	.064	.0668	.07	.0705	.069	.066	.061	.055	.0427	.027	.019	.015	.010	.07	.058	.004
Lower camber.....	.007	.004	.002	0	.0015	.003	.005	.0065	.009	.011	.013	.0143	.015	.014	.011	.0092	.0077	.0055	.002	.001	.0005	0	.0005	.002	.004

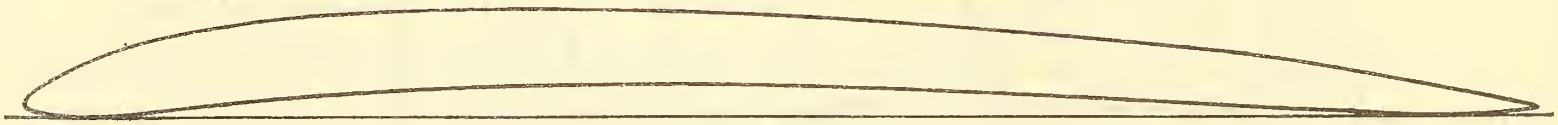
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 14.

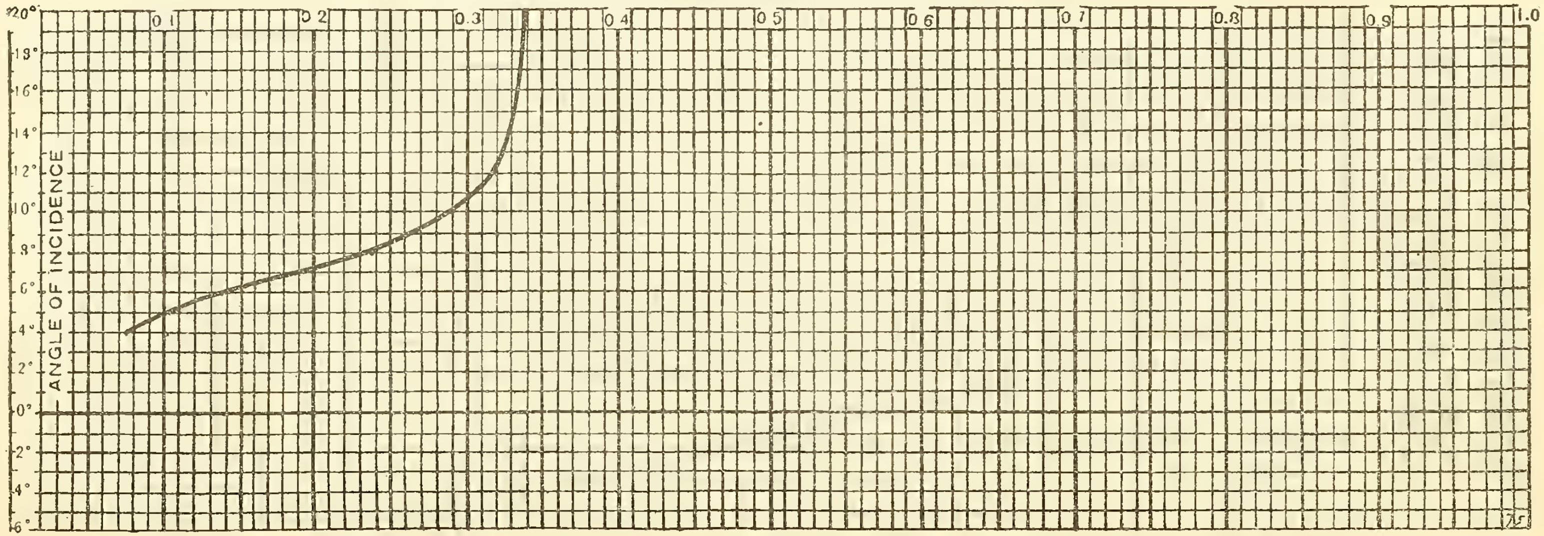
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 14 (NEGATIVE ANGLES).



CURVE OF CENTER OF PRESSURE TRAVEL

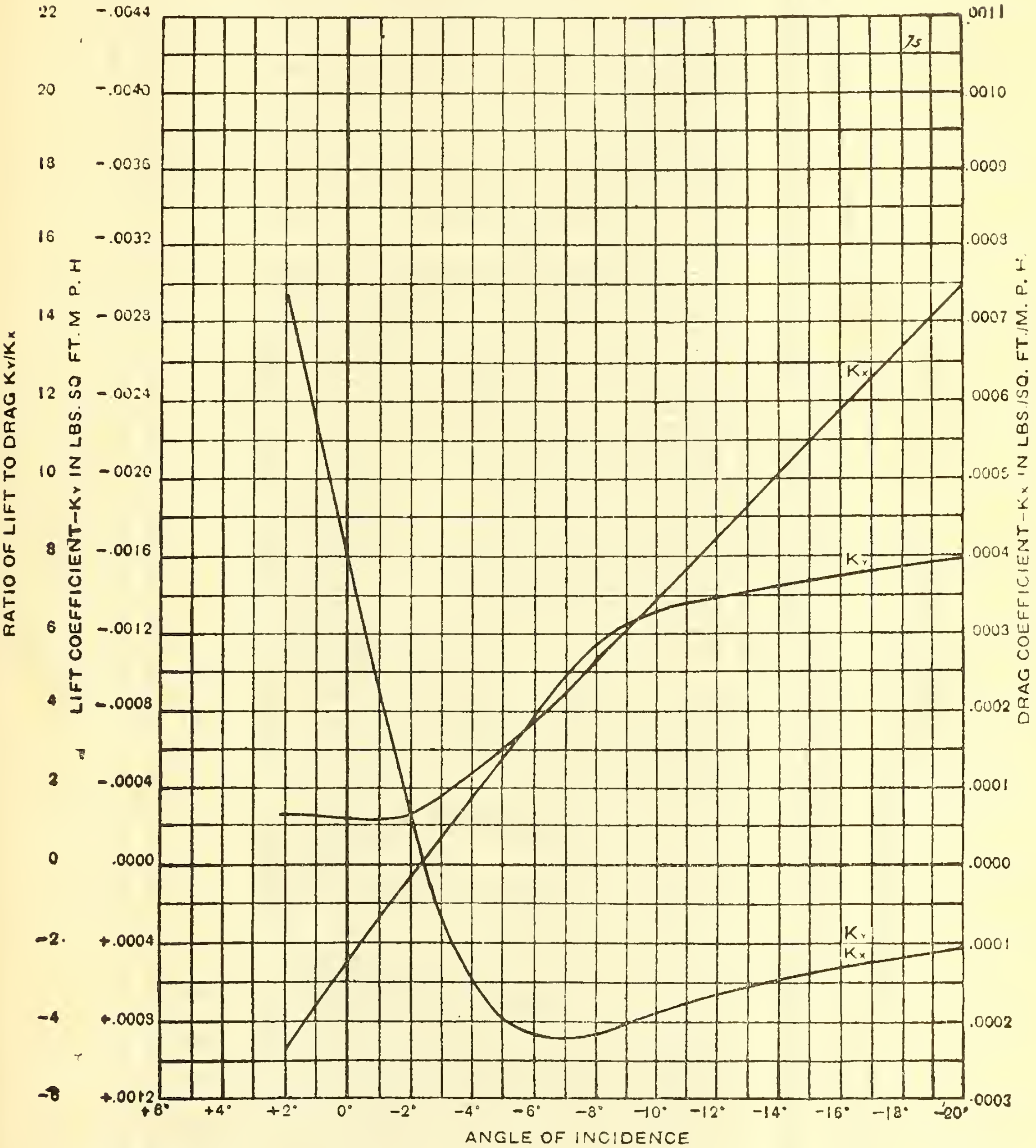


Distance from leading edge.	0	.006	.01	.03	.06	.08	.10	.12	.14	.16	.20	.26	.30	.40	.50	.60	.70	.80	.90	.94	.96	.98	.99	.995	1.00
Upper camber.....	.007	.013	.016	.03	.0415	.047	.052	.0565	.061	.064	.0668	.07	.0705	.069	.066	.061	.055	.0427	.027	.019	.015	.010	.07	.058	.004
Lower camber.....	.007	.004	.002	0	.0015	.003	.005	.0065	.009	.011	.013	.0143	.015	.014	.011	.0092	.0077	.0055	.002	.001	.0005	0	.0005	.002	.004

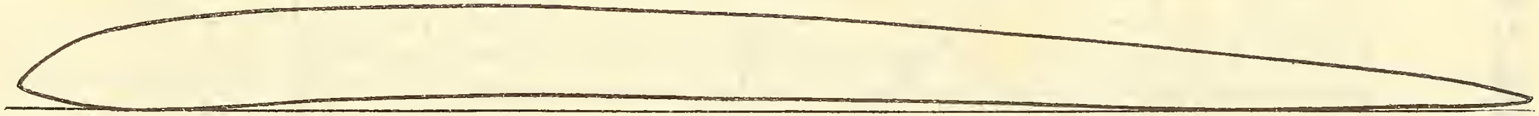
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 14 (NEGATIVE ANGLES).

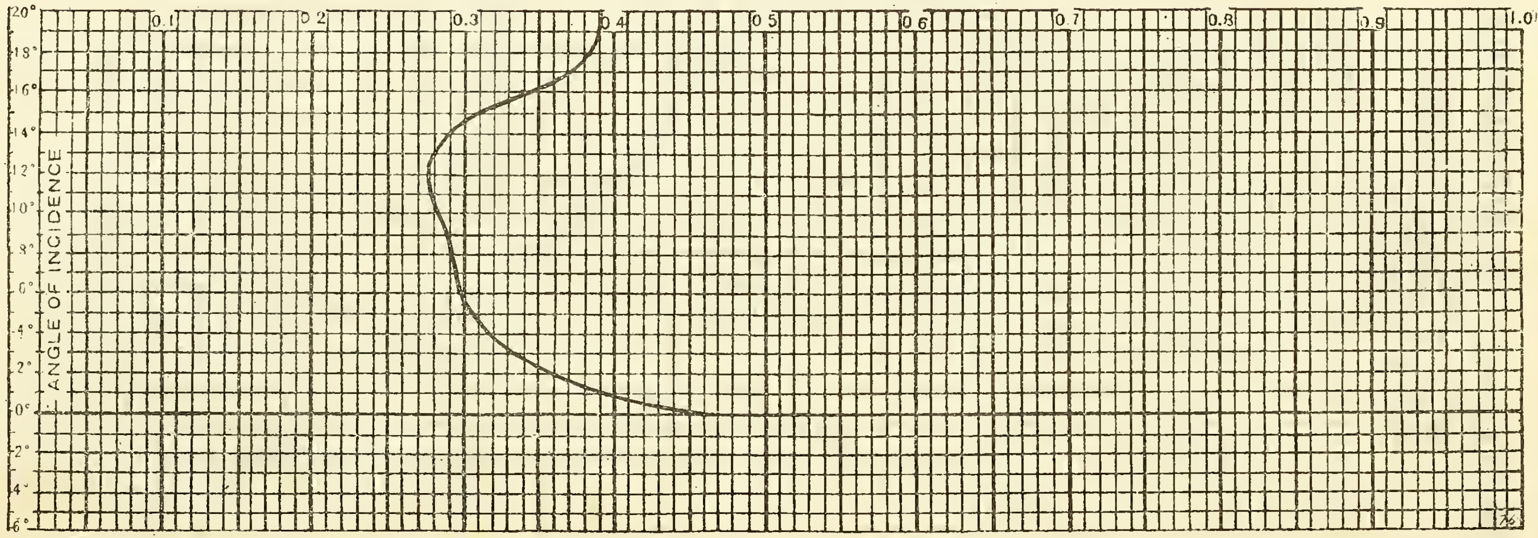
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 15.



CURVE OF CENTER OF PRESSURE TRAVEL

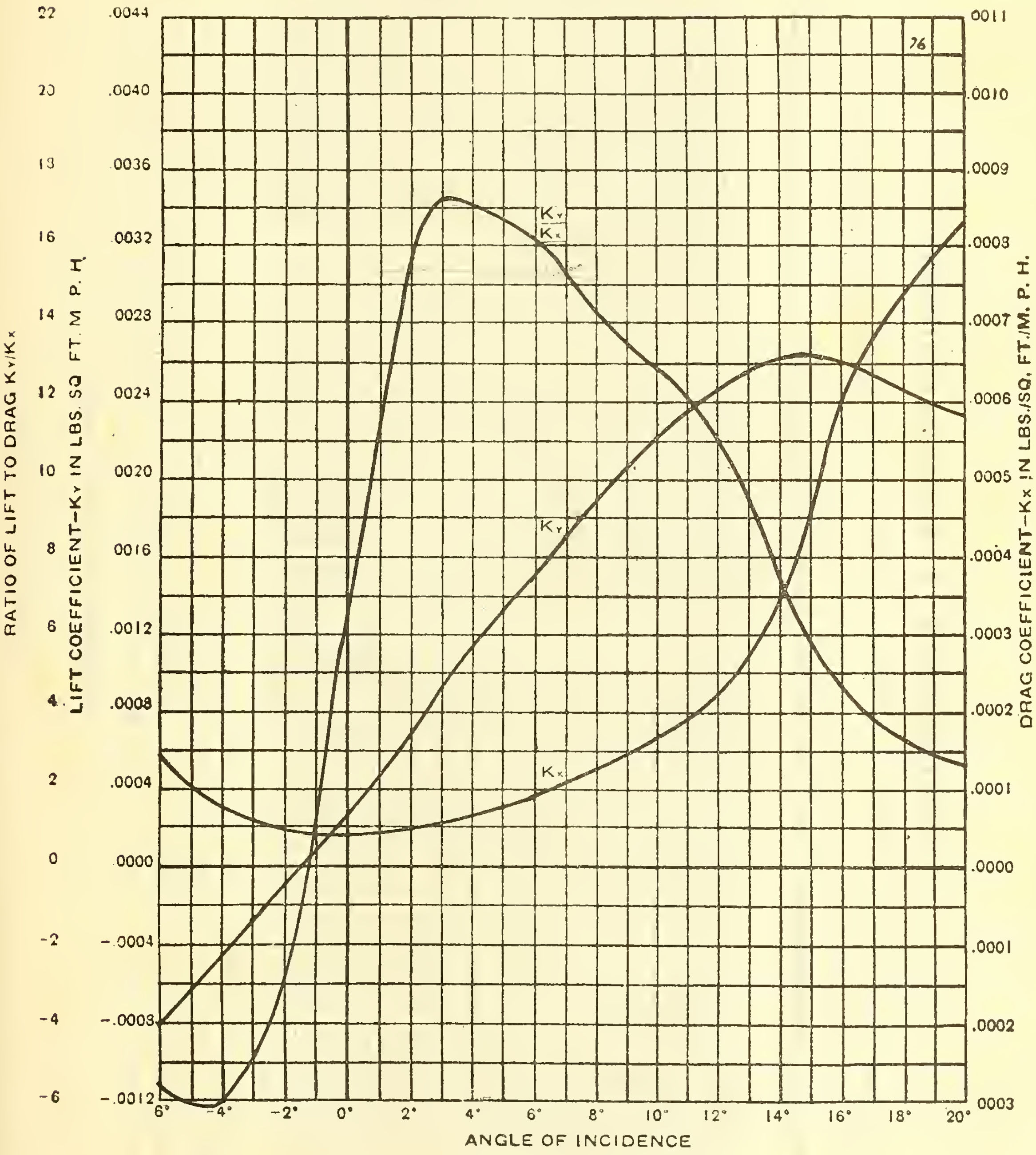


Distance from leading edge.	0	.002	.005	.01	.02	.03	.05	.0895	.10	.15	.20	.25	.30	.35	.40	.50	.60	.70	.745	.80	.90	.92	.95	.98	.99	1.00
Upper camber.	.0150	.0193	.0228	.0277	.0360	.0424	.0506	.0593	.0609	.0666	.0696	.0700	.0694	.0682	.0663	.0611	.0547	.0477	.0443	.0395	.0288	.0262	.0221	.0172	.0150	.0080
Lower camber.	.0150	.0112	.0098	.0082	.0060	.0045	.0023	0	.0002	.0030	.0053	.0080	.0102	.0108	.0102	.0068	.0033	.0006	0	.0004	.0021	.0025	.0032	.0042	.0050	.0080

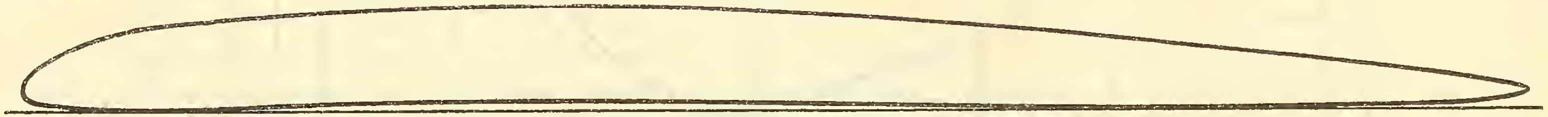
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 15.

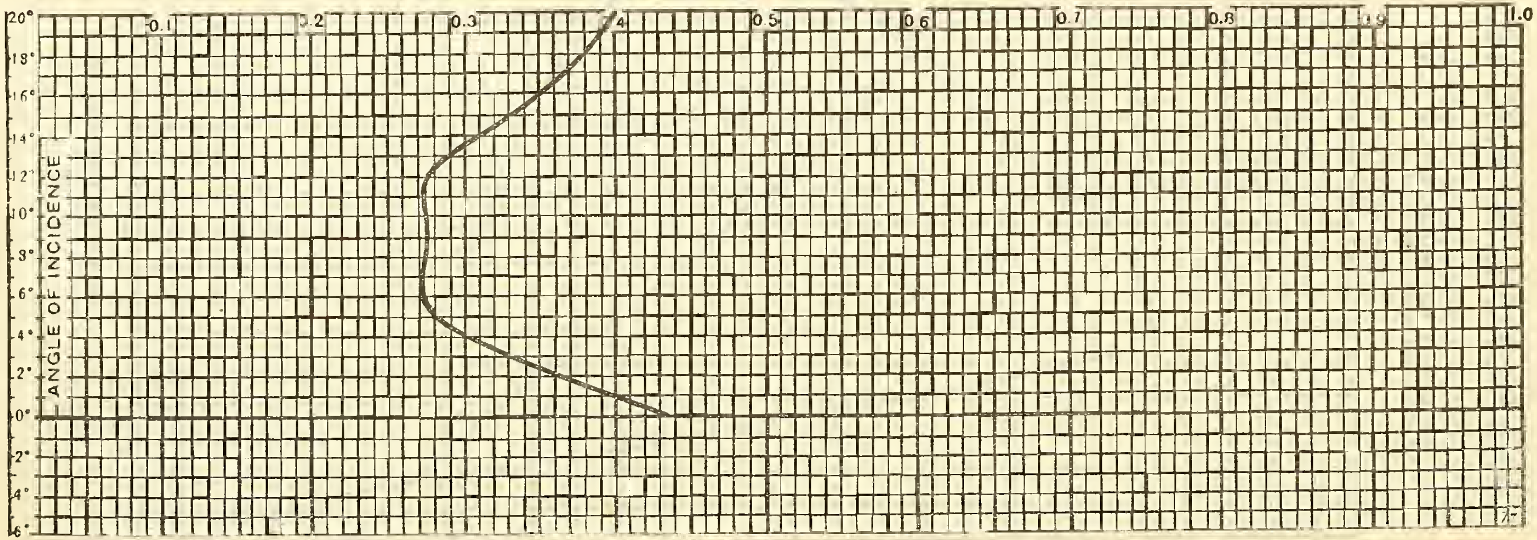
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 15 (MODIFIED).



CURVE OF CENTER OF PRESSURE TRAVEL

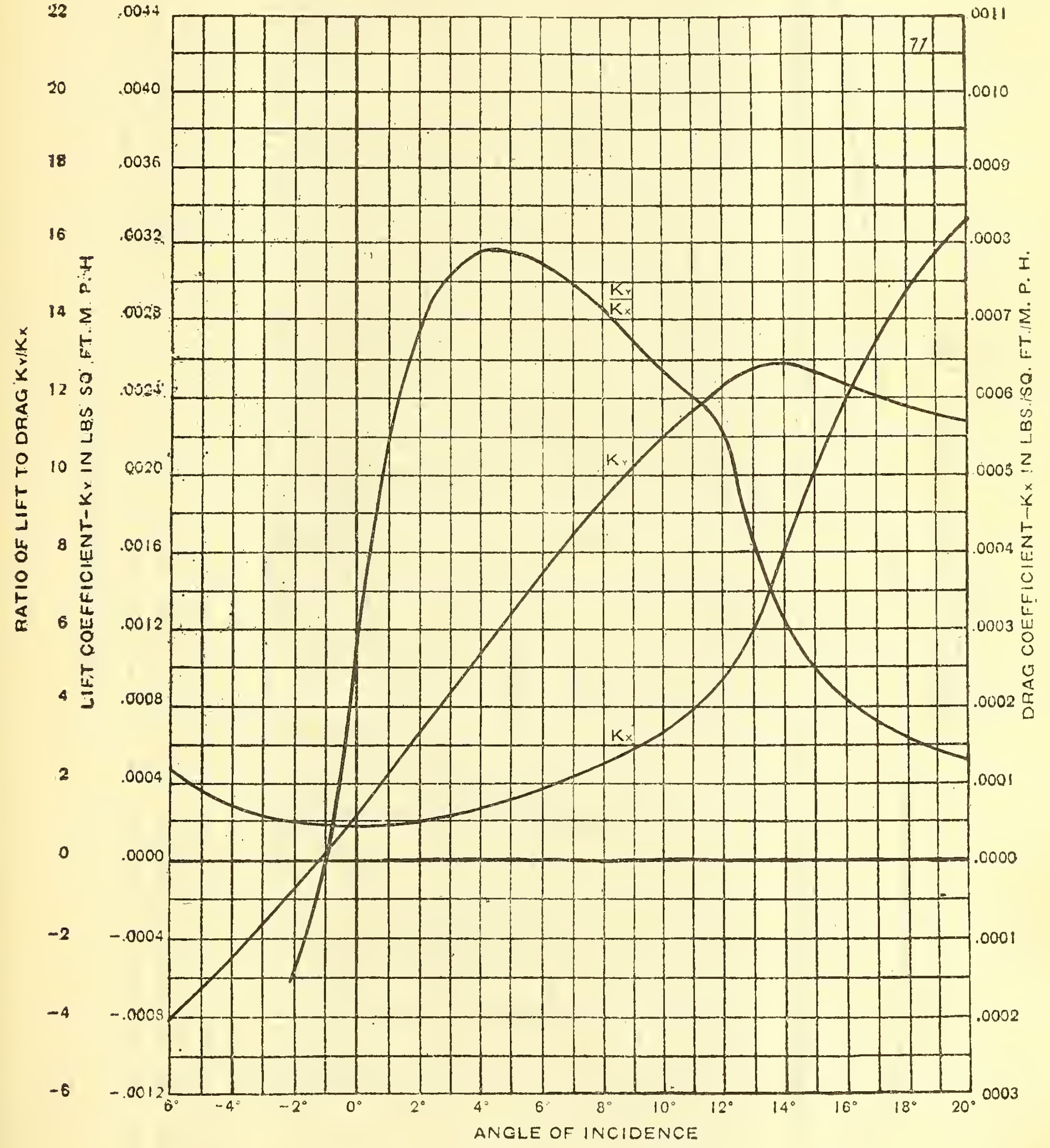


Distance from leading edge.	0	.003	.007	.010	.013	.017	.020	.033	.067	.100	.133	.167	.200	.250	.333	.500	.667	.733	.833	.933	.967	.983	.993	1.00
Upper camber.	.0133	.0217	.0250	.0273	.0303	.0327	....	.0417	.0537	.0600	.0640	.0667	....	.0667	.0663	.0613	.0523	......	.0397	.0300	.0253	.0217	.0180	.0133
Lower camber.	.0133	....	.0083	....	.0053	....	.0037	.0030	.0003	0	.0005	.0027	.0050	....	.0097	.0067	.0007	0	.0033	.0077	.0087	.0093	.0097	.0133

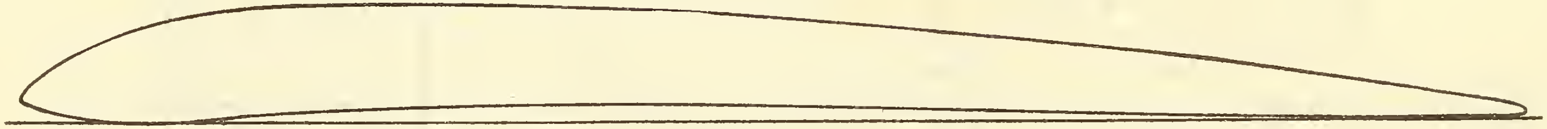
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 15 (MODIFIED).

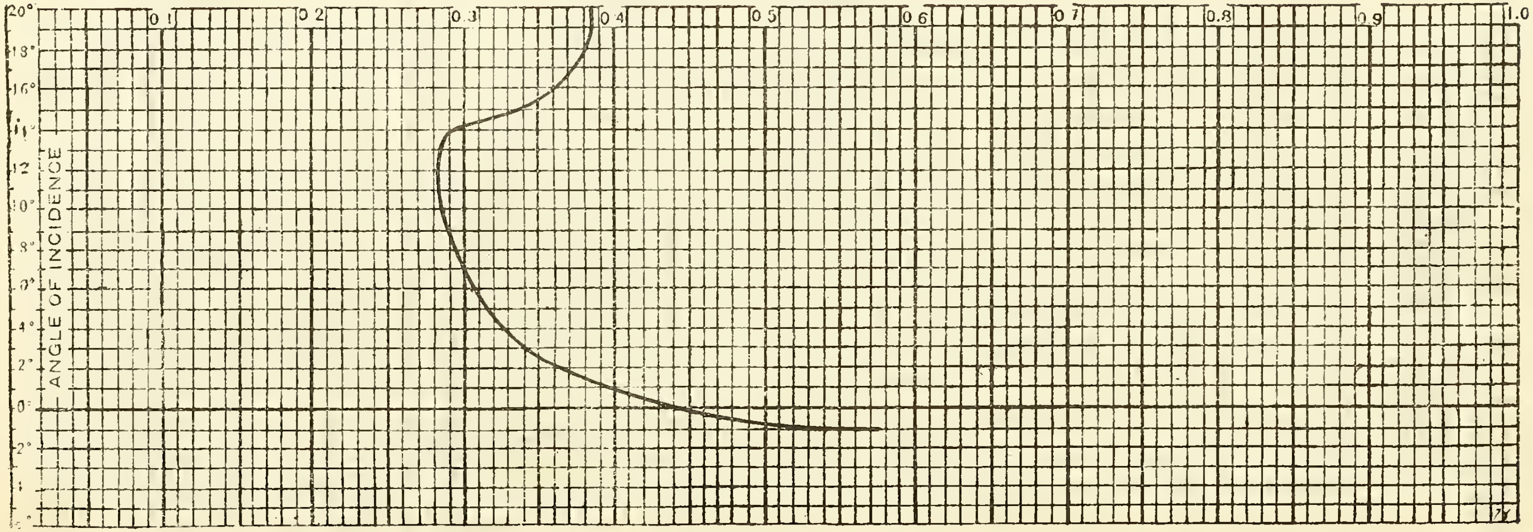
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 16.



CURVE OF CENTER OF PRESSURE TRAVEL

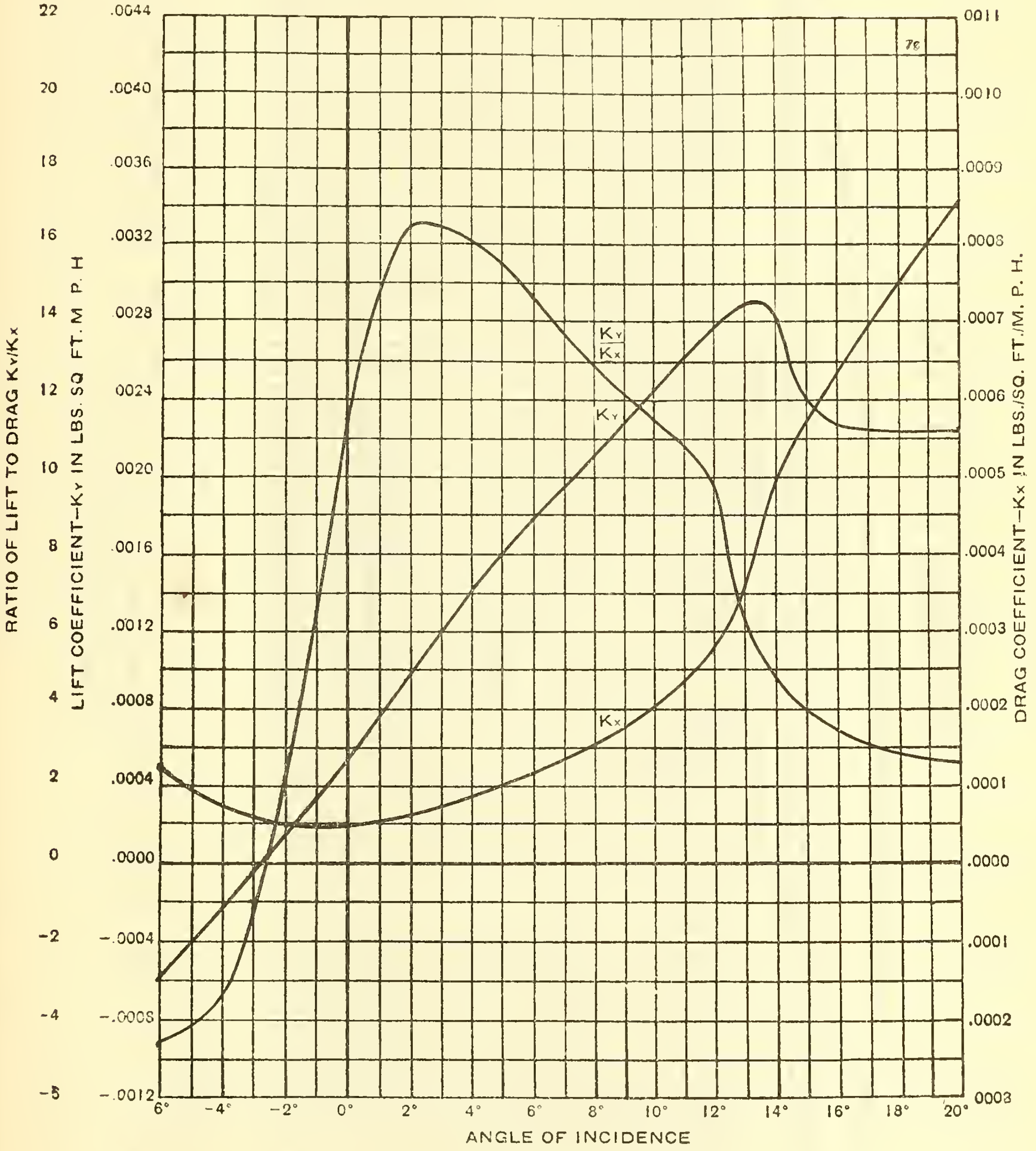


Distance from leading edge.	0	.004	.01	.02	.03	.04	.06	.10	.14	.20	.25	.30	.35	.40	.50	.60	.70	.80	.90	.92	.95	.98	.995	1.00
Upper camber.	.015	.024	.0288	.038	.0435	.0498	.058	.067	.071	.073	.0739	.074	.073	.0719	.067	.0595	.0501	.0395	.0272	.0242	.0195	.013	.009	.004
Lower camber.	.015	.0091	.0072	.005	.0035	.0022	.009	0	.00175	.004	.006	.0069	.007	.0071	.006	.0045	.0035	.0021	.0011	.0075	.005	.0025	0	.004

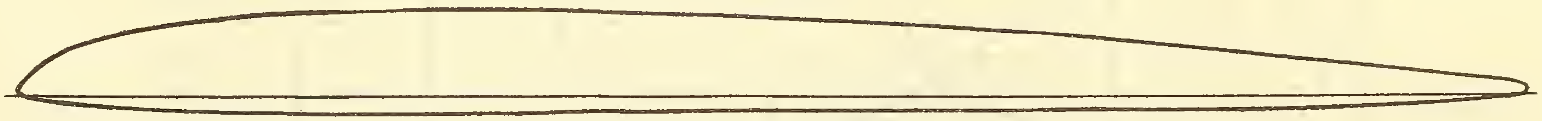
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 16.

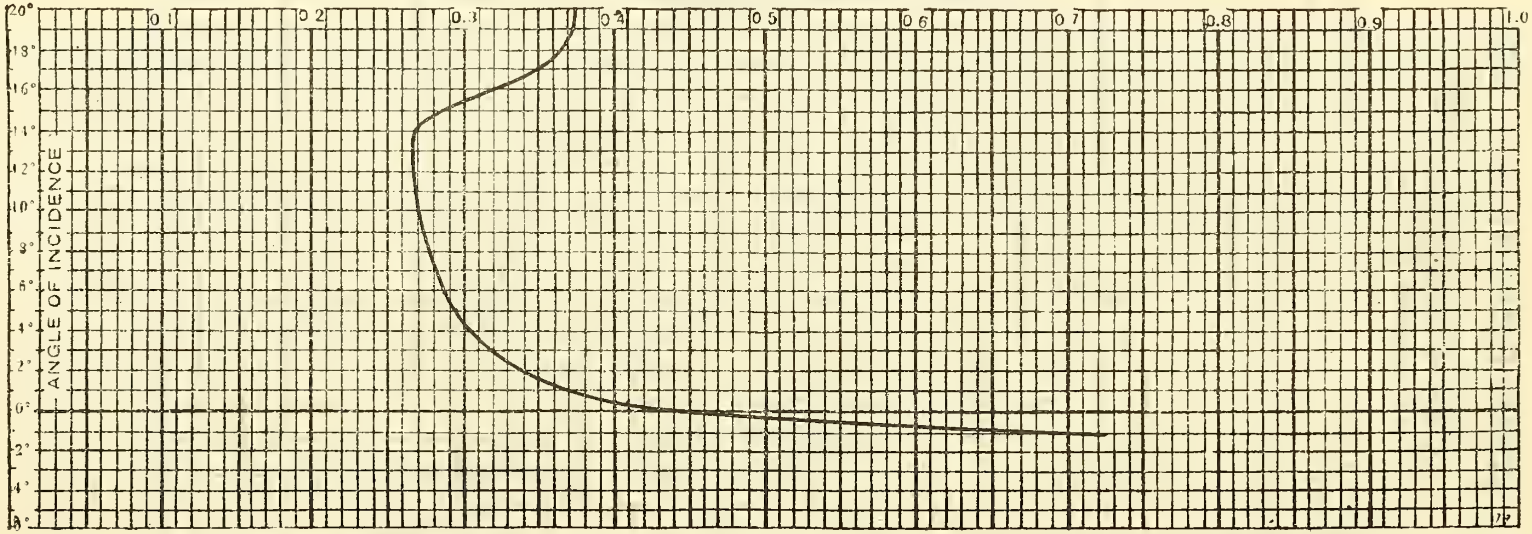
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 17.



CURVE OF CENTER OF PRESSURE TRAVEL

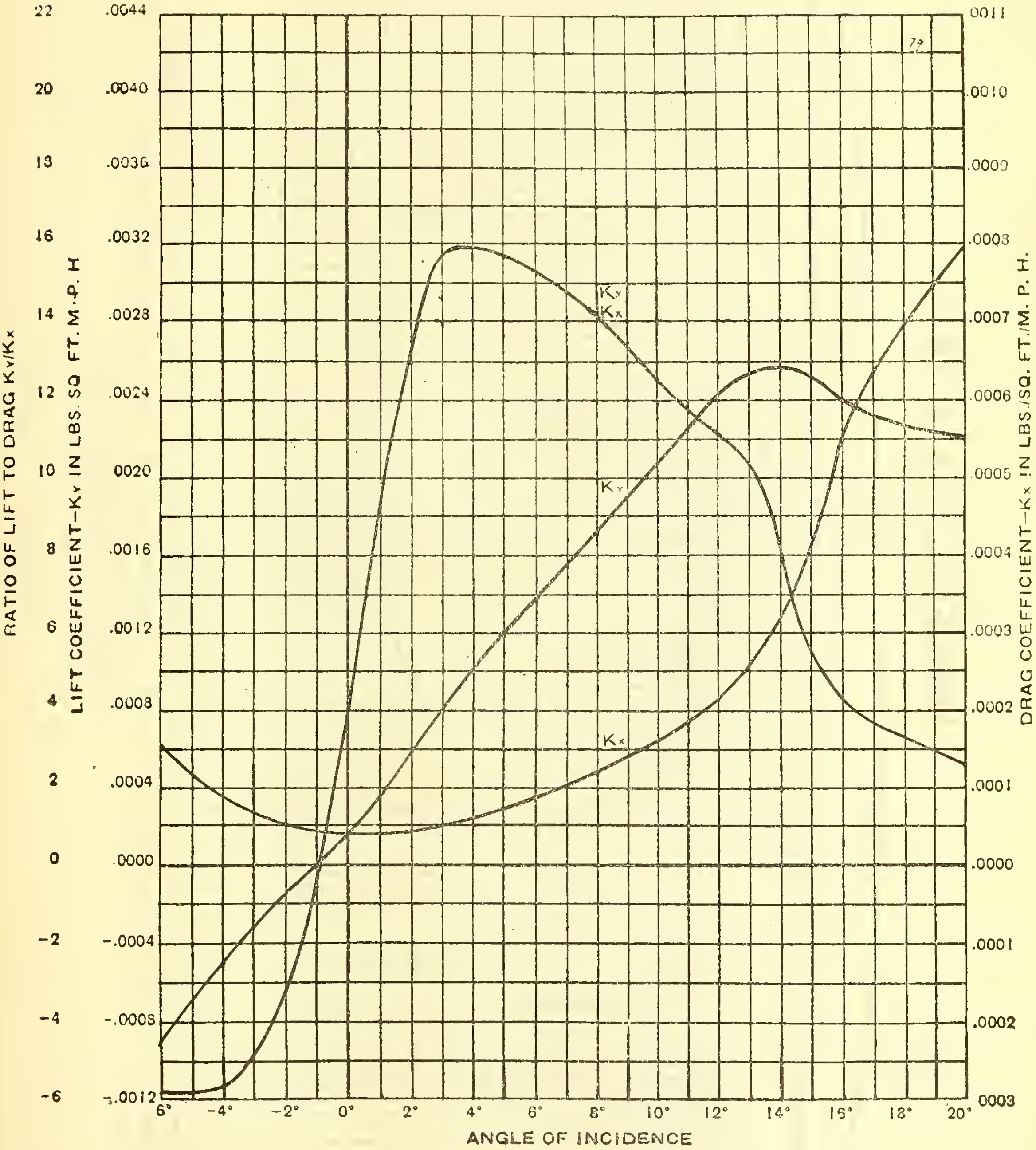


Distance from leading edge	0	.02	.04	.06	.10	.12	.16	.20	.30	.40	.50	.60	.70	.80	.90	.92	.96	.98	1.00
Upper camber	.003	.025	.036	.043	.051	.0537	.0565	.058	.0582	.056	.0517	.046	.0399	.0316	.022	.020	.0145	.011	.004
Lower camber	.003	−.0025	−.0055	−.007	−.0082	−.0087	−.0091	−.0097	−.010	−.0098	−.009	−.008	−.0071	−.0057	−.004	−.0035	−.0025	−.002	.004

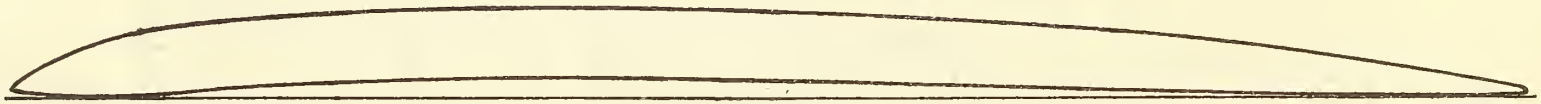
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 17.

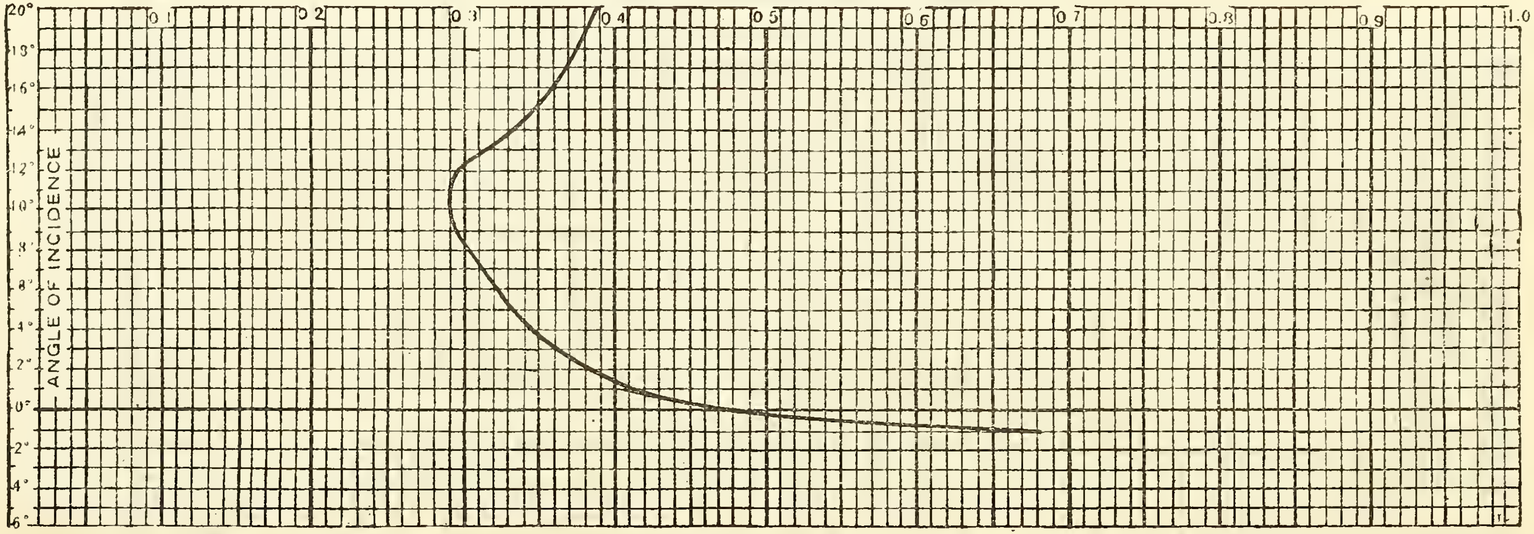
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 18.



CURVE OF CENTER OF PRESSURE TRAVEL

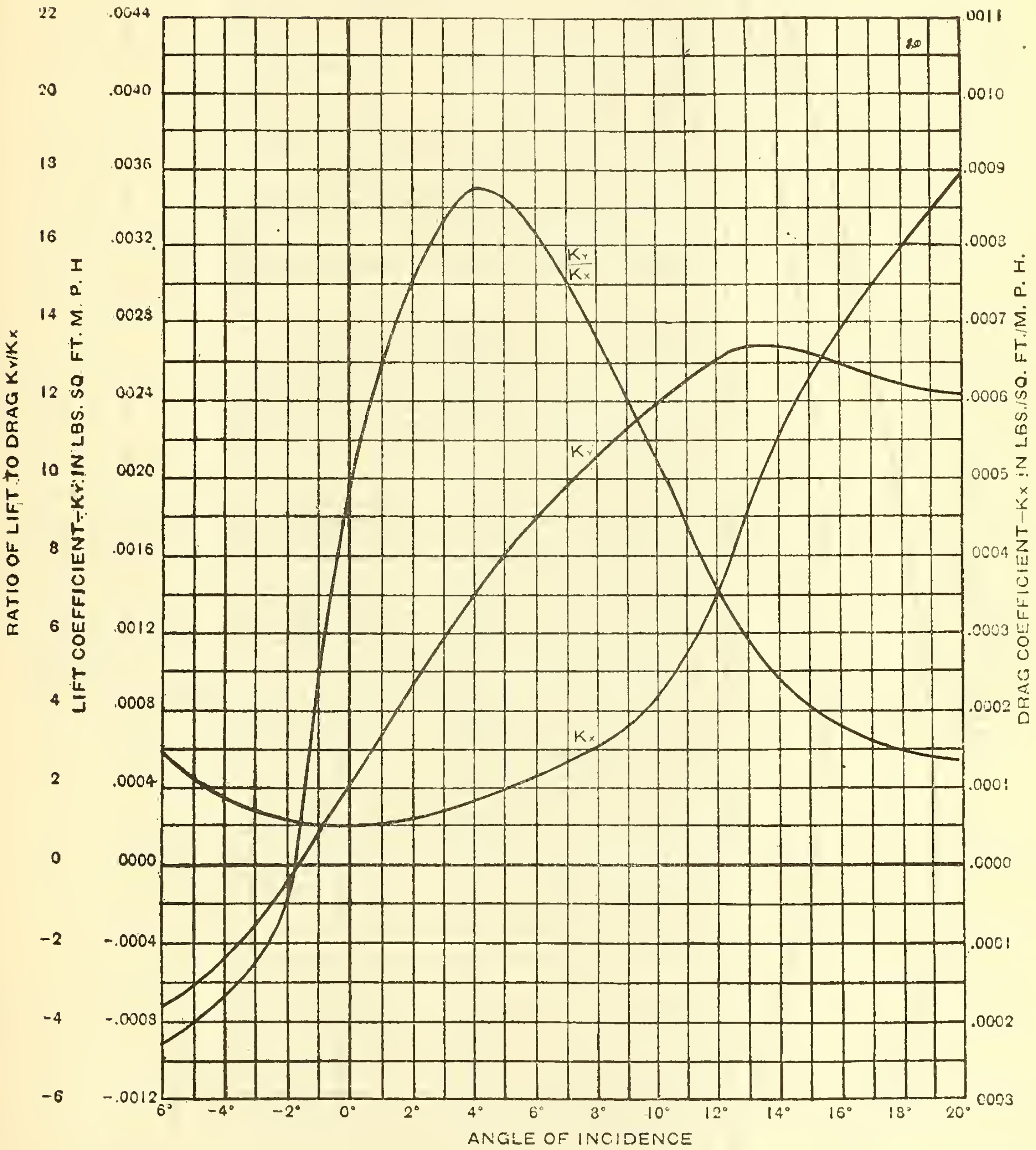


Distance from leading edge	0	.01	.02	.03	.04	.05	.06	.08	.12	.16	.22	.30	.40	.50	.60	.70	.80	.90	.95	.98	.99	1.00
Upper camber	.007	.017	.022	.026	.030	.033	.036	.041	.048	.053	.057	.059	.059	.056	.051	.044	.035	.022	.015	.010	.008	.003
Lower camber	.007	.003	.001	......	......	0	......	.001	.003	.006	.010	.014	.013	.010	.007	.004	.002	0	......	......	0	.003

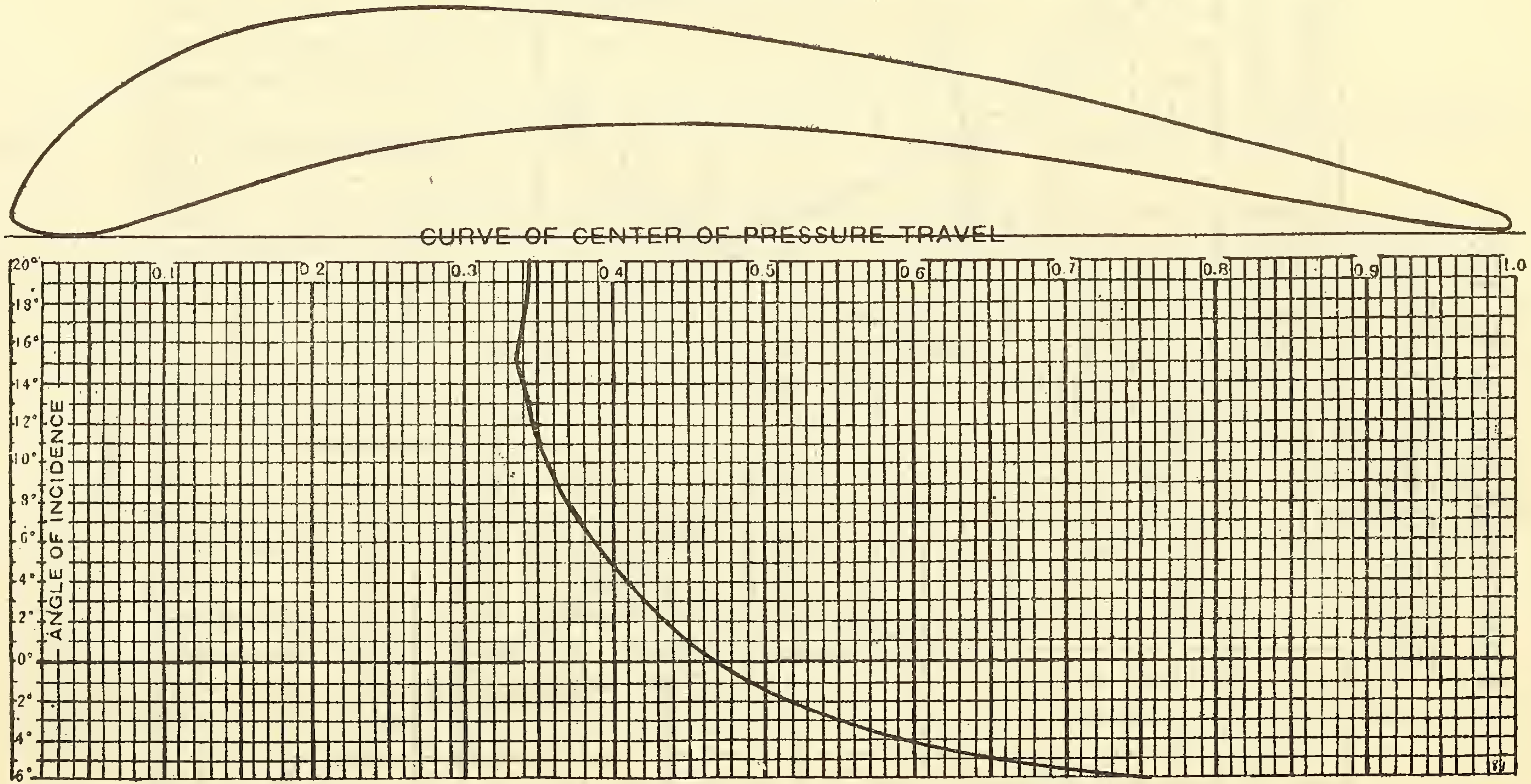
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 18.

SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 19.

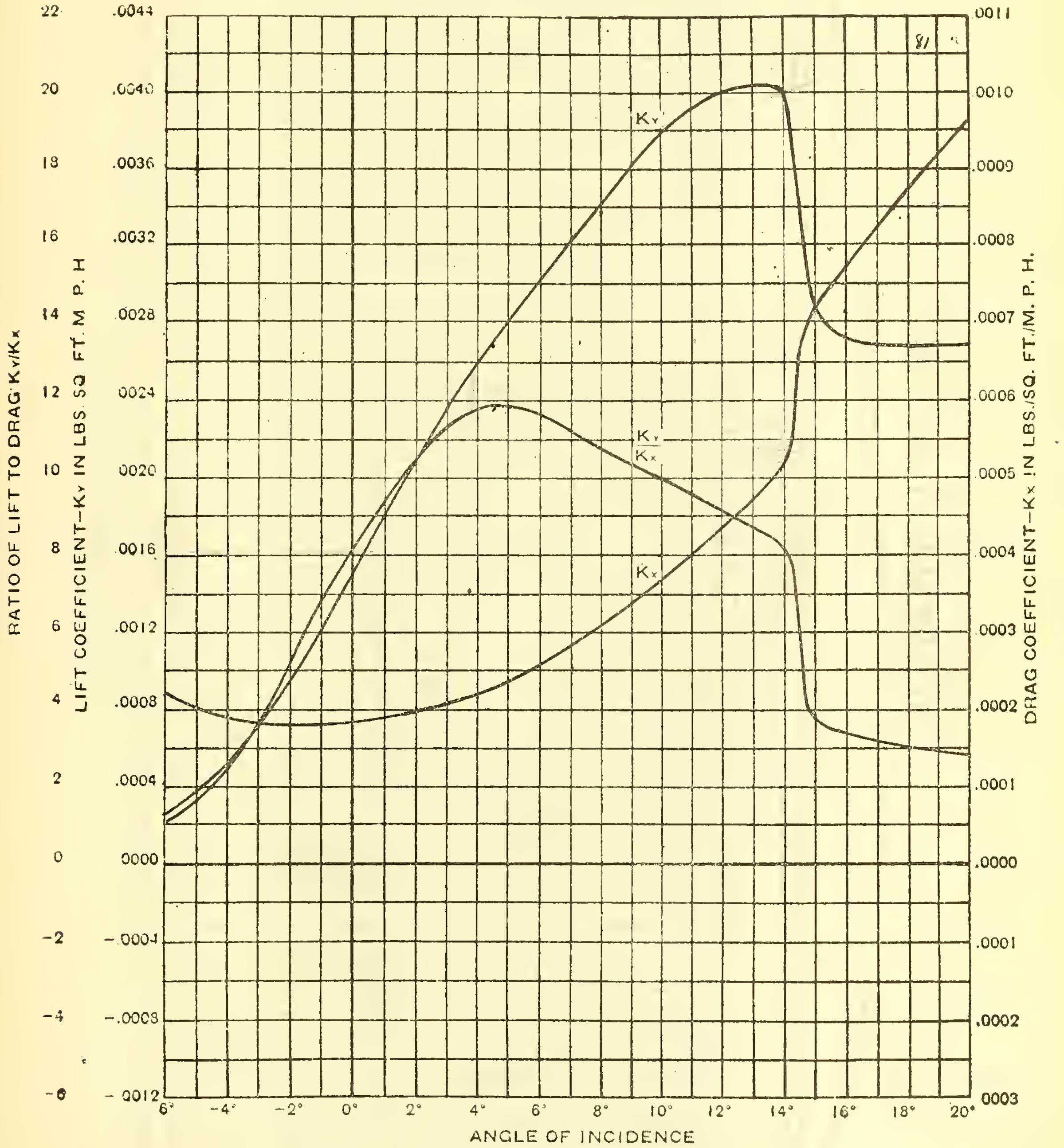


Distance from leading edge.	0	.01	.02	.03	.04	.05	.06	.08	.12	.16	.22	.30	.40	.50	.60	.70	.80	.90	.95	.98	.99	1.00
Upper camber............	.012	.034	.051	.065	.076	.085	.093	.107	.127	.140	.150	.152	.147	.134	.117	.095	.071	.043	.026	.015	.011	.006
Lower camber............	.012	.003	.001	0	0	.001	.003	.008	.021	.034	.054	.069	.075	.072	.062	.050	.034	.017	.008	.002	0	.006

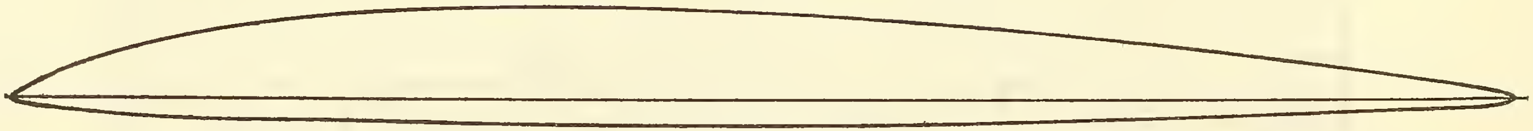
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 19.

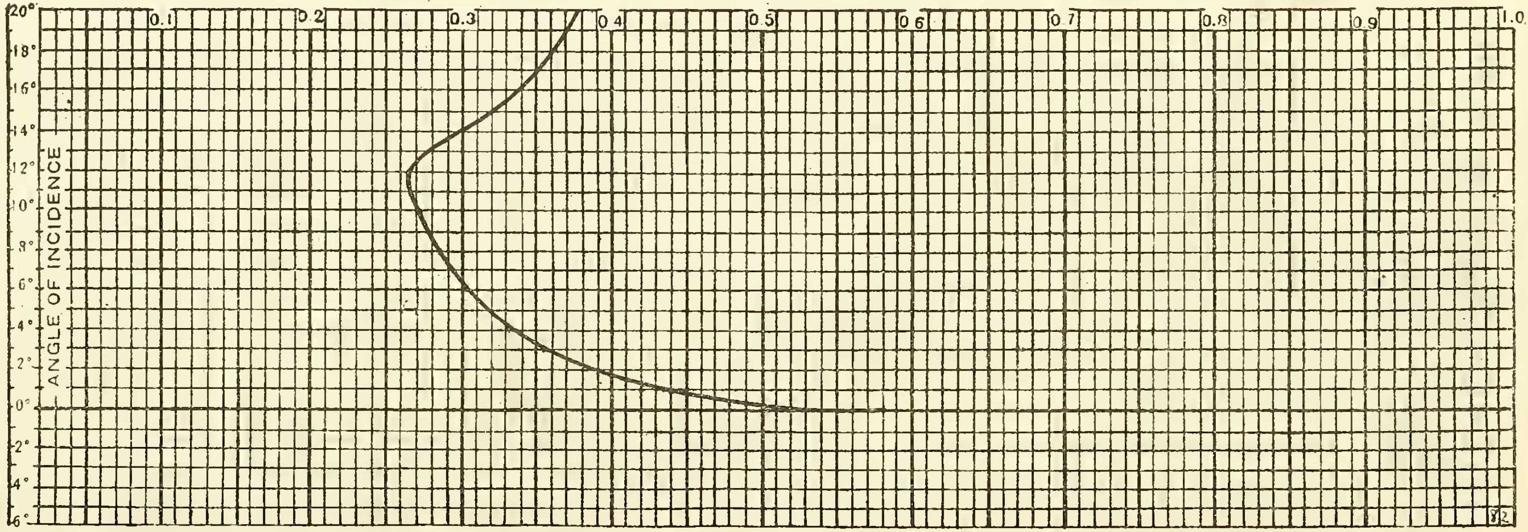
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, R. A. F. 20.



CURVE OF CENTER OF PRESSURE TRAVEL

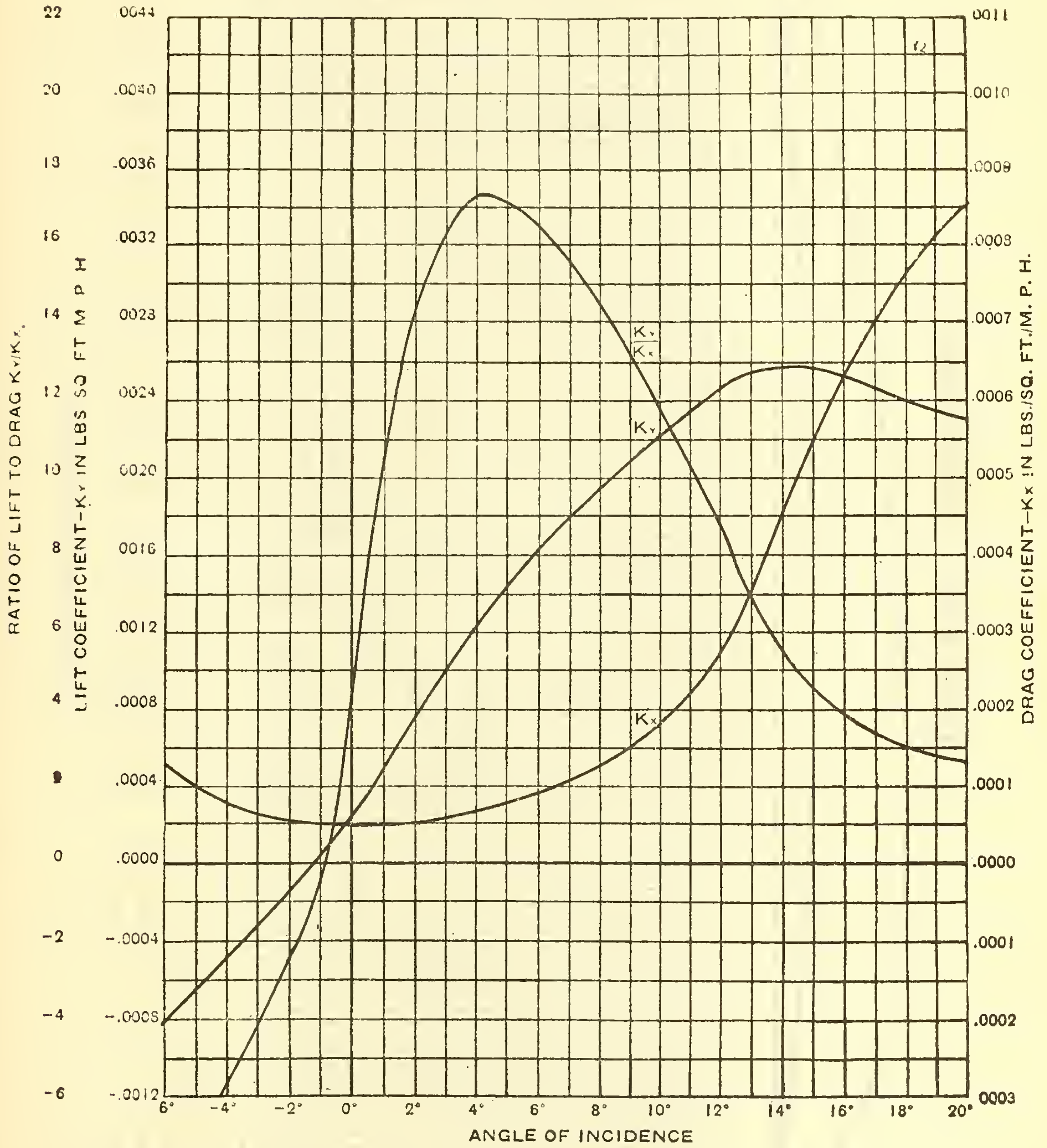


Distance from leading edge	0	.01	.02	.03	.04	.05	.06	.08	.12	.16	.22	.30	.40	.50	.60	.70	.80	.90	.95	.98	.99	1.00
Upper camber............	0	.007	.013	.019	.023	.027	.030	.036	.044	.050	.056	.060	.060	.057	.051	.042	.031	.018	.011	.007	.005	0
Lower camber............	0	–.005	–.006	–.007	–.008	–.009	–.009	–.010	–.011	–.012	–.013	–.014	–.015	–.015	–.014	–.013	–.011	–.008	–.006	–.005	–.004	0

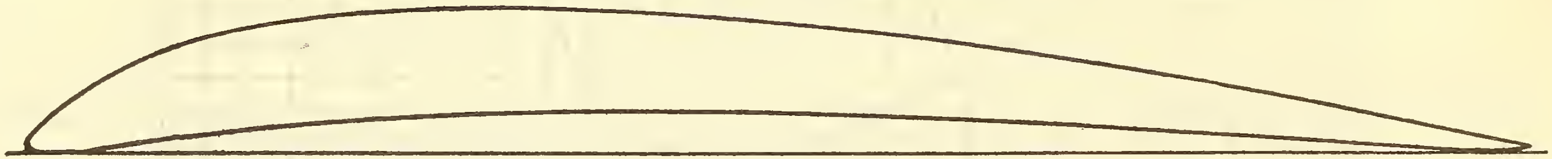
All dimensions given as decimal parts of chord.

AEROFOIL, R. A. F. 20.

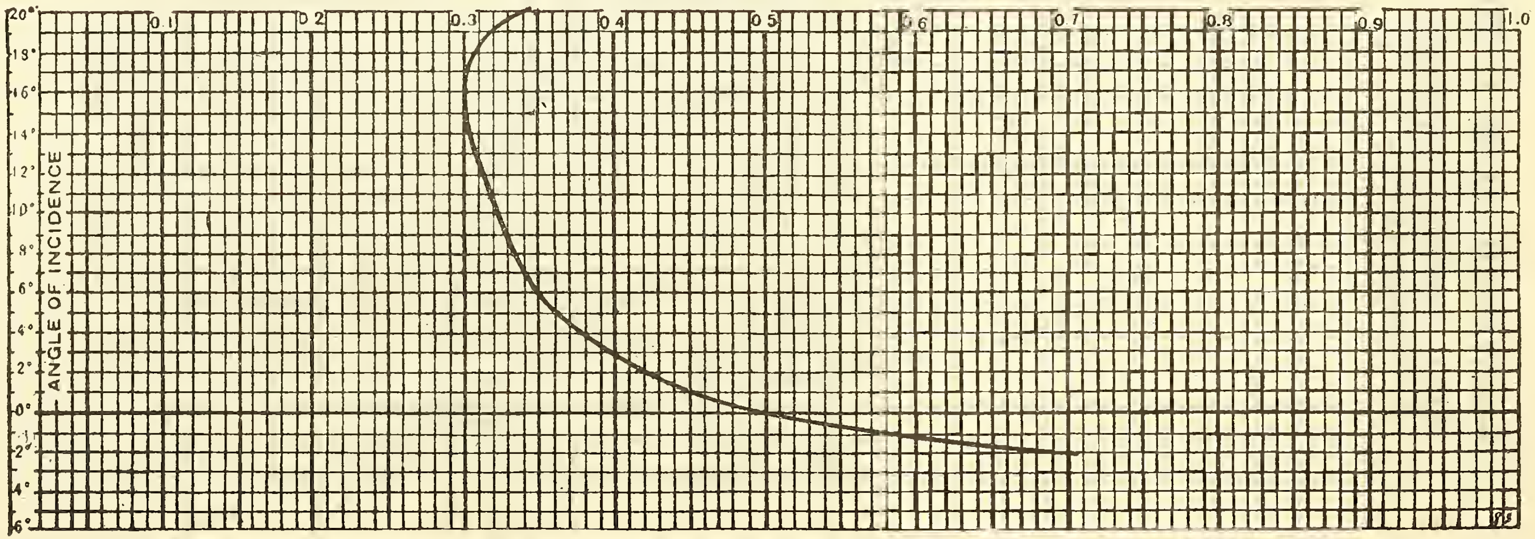
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, ALBATROS.



CURVE OF CENTER OF PRESSURE TRAVEL

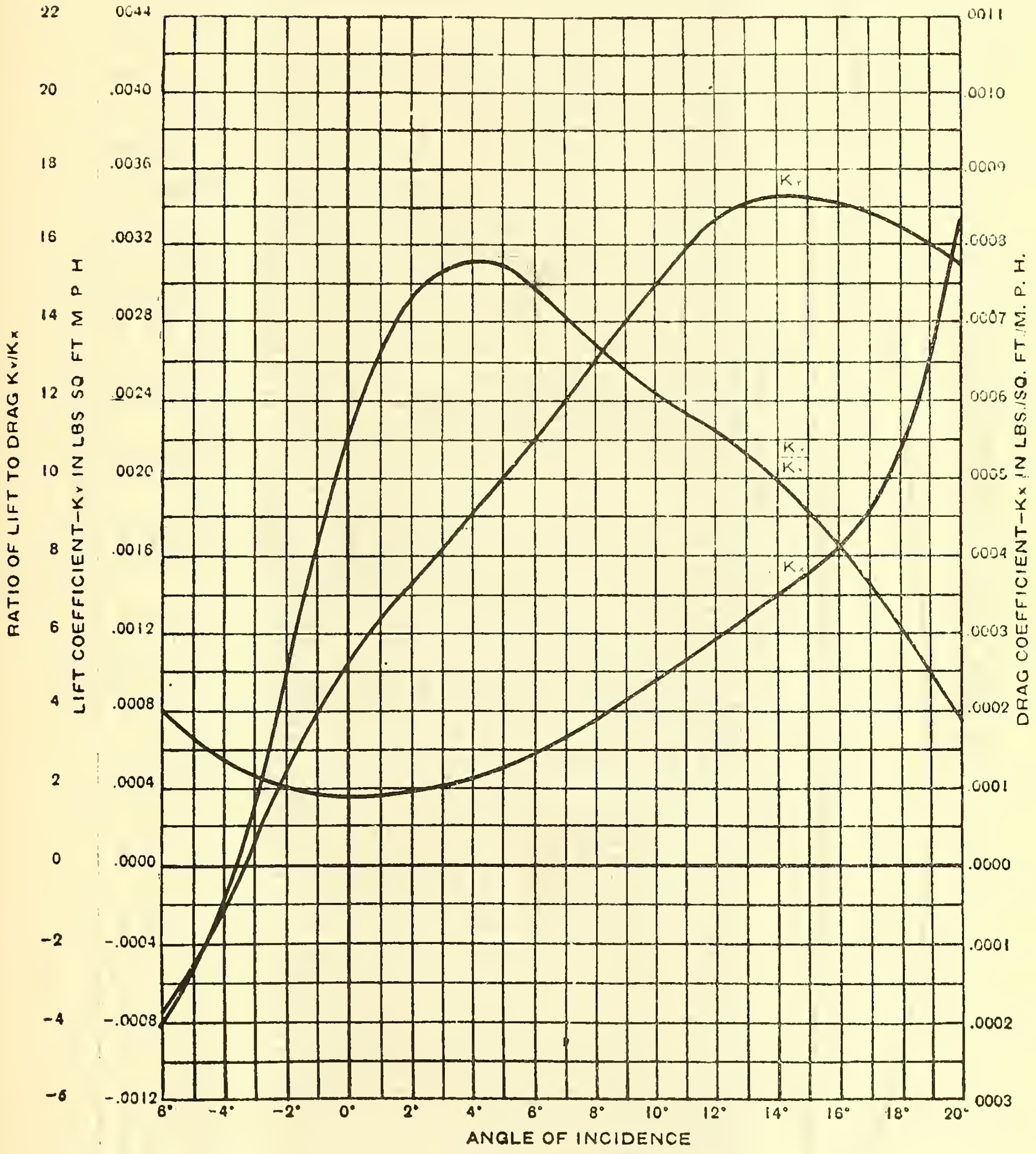


Distance from leading edge	0	.01	.025	.05	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	.95	.995	1.00
Upper camber	.0074	.0195	.0310	.0500	.0705	.0825	.0900	.0940	.0964	.094	.0855	.0740	.06	.0430	.0247	.0150	....	.0035
Lower camber	.0074	0	.0020	.0060	.0125	.0175	.0212	.0235	.0250	.0262	.0250	.0217	.0176	.0125	.0065	.0030	0	.0035

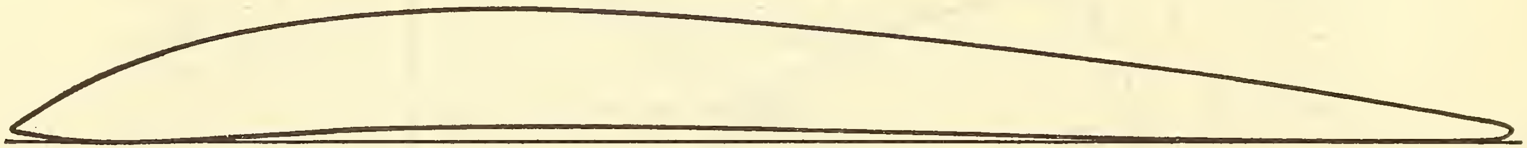
All dimensions given as decimal parts of chord.

AEROFOIL, ALBATROS.

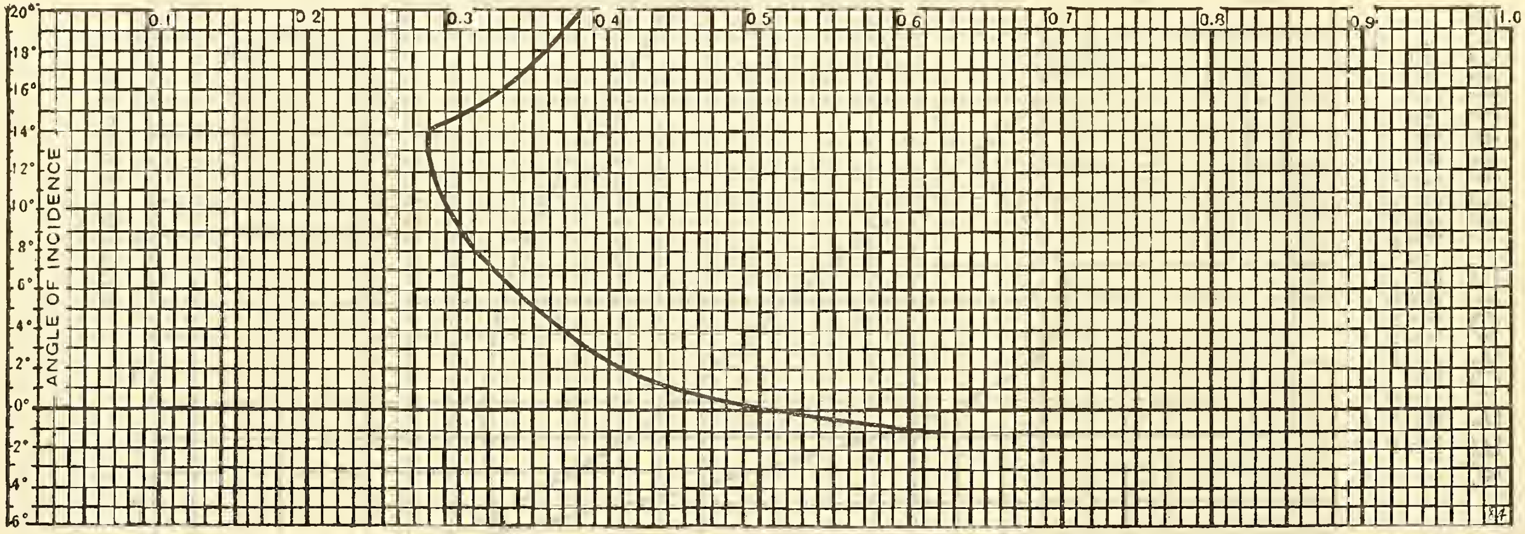
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, SOPWITH.



CURVE OF CENTER OF PRESSURE TRAVEL

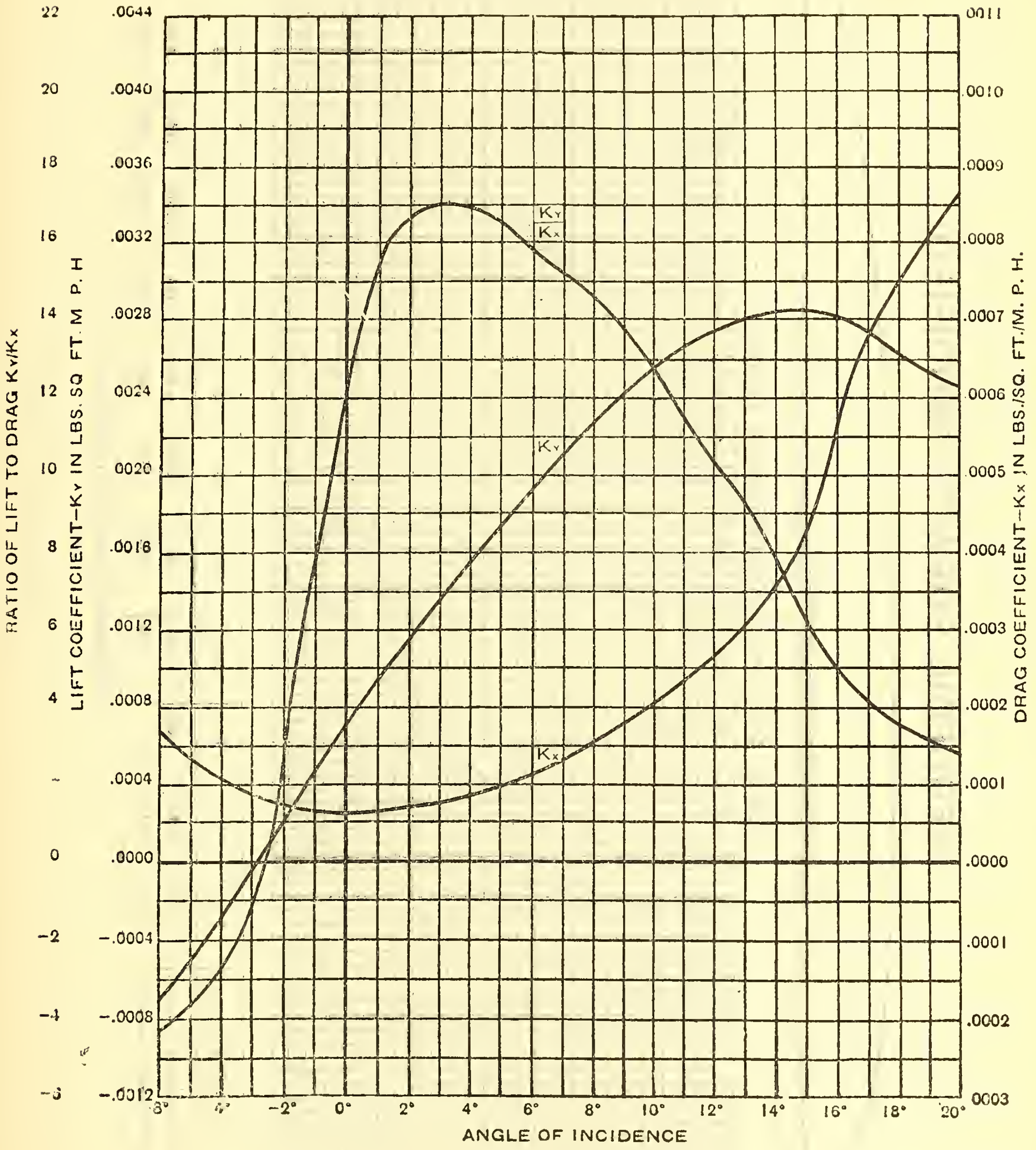


Distance from leading edge	0	.02	.05	.12	.16	.22	.30	.40	.50	.60	.70	.80	.90	.98	1.00
Upper camber	.008	.029	.043	.068	.072	.080	.086	.084	.078	.070	.058	.044	.028	.011	.006
Lower camber	.008	.001	0	.001	.003	.007	.011	.010	.007	.003	0	0	0	0	.006

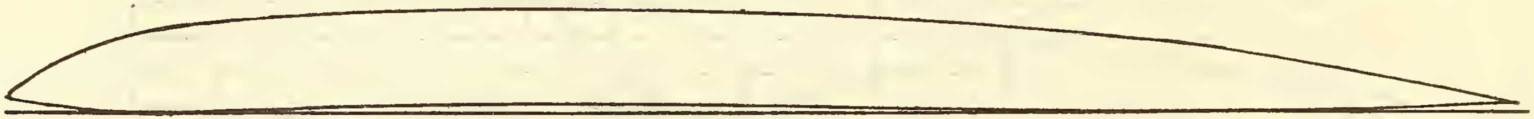
All dimensions given as decimal parts of chord.

AEROFOIL, SOPWITH.

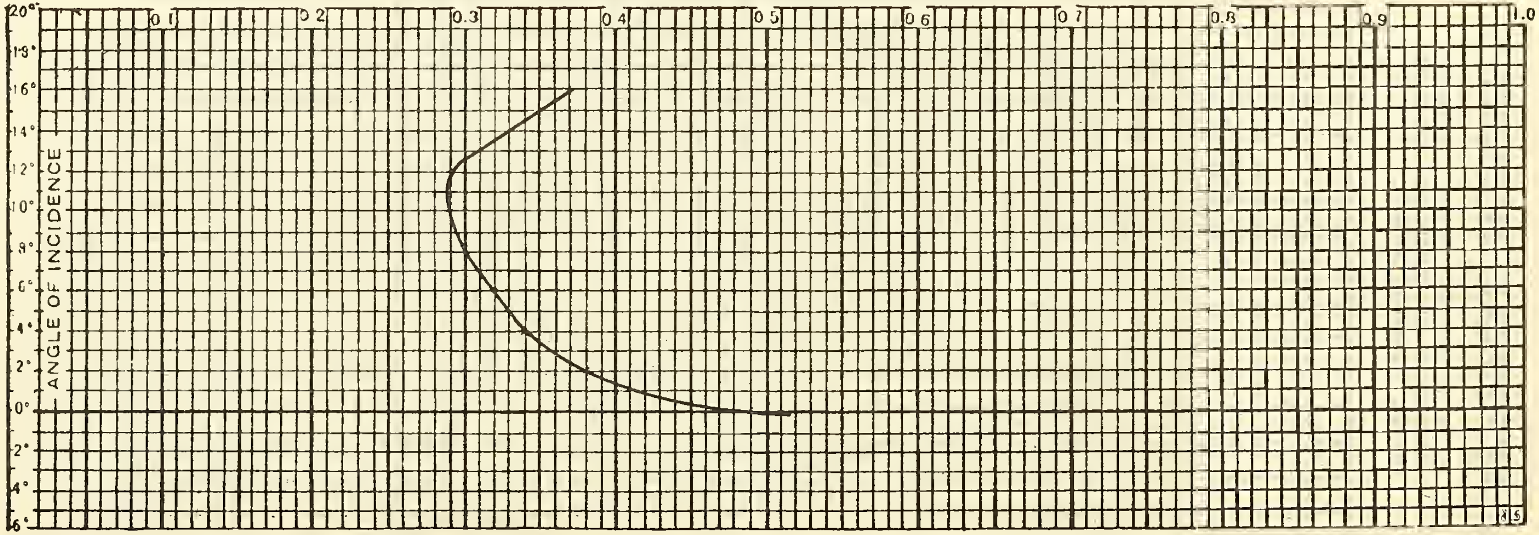
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, SOPWITH (MODIFIED).



CURVE OF CENTER OF PRESSURE TRAVEL

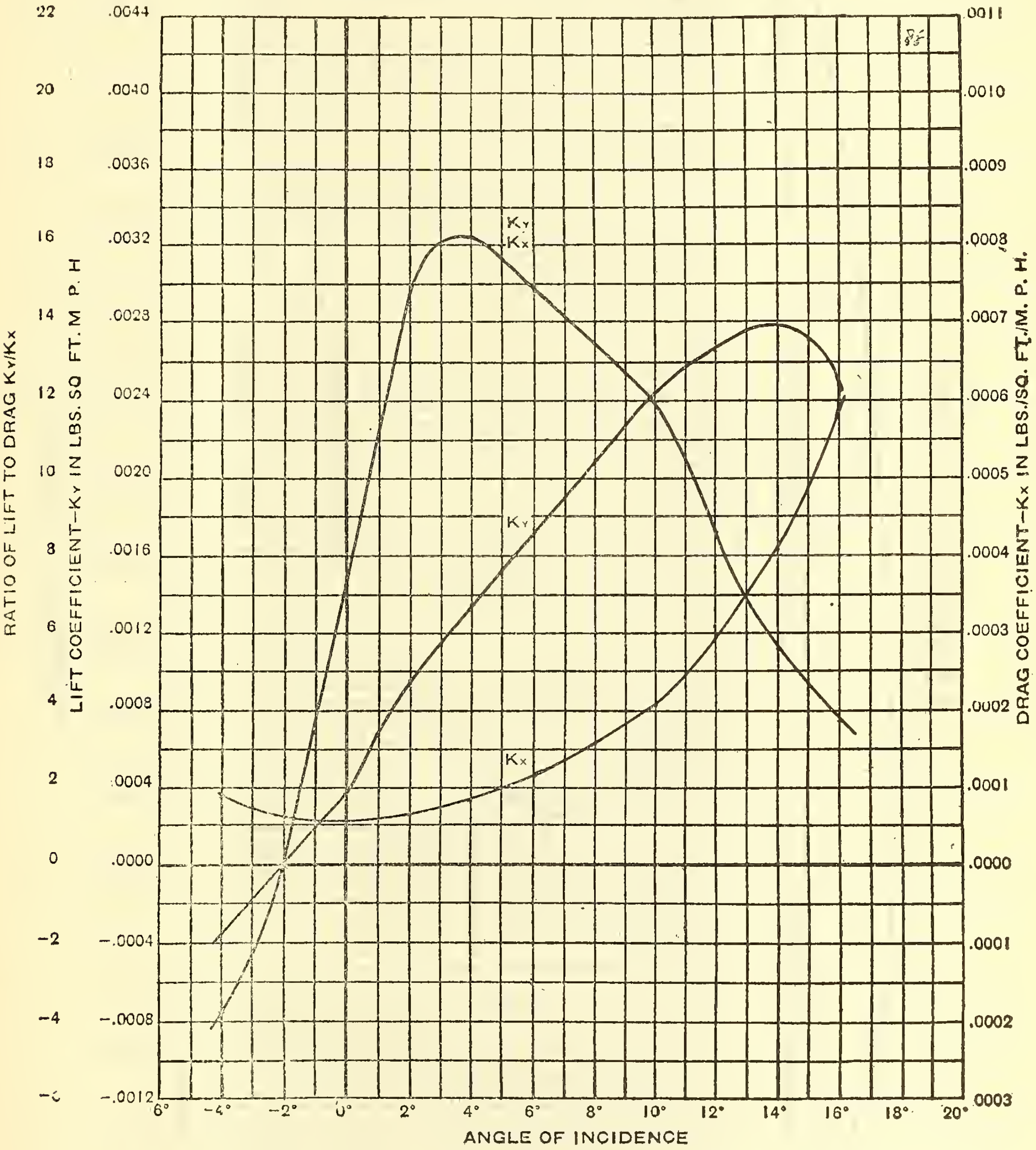


Distance from leading edge.......	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.85	.90	1.00
Upper camber....................	.012	.0466	.059	.068	.07	.0693	.0673	.063	.0557	.045	.0382	.0294	.006
Lower camber....................	.012	.0016	0	.0039	.0072	.0075	.0067	.0047	.0024	.0006	.0003	.0007	.006

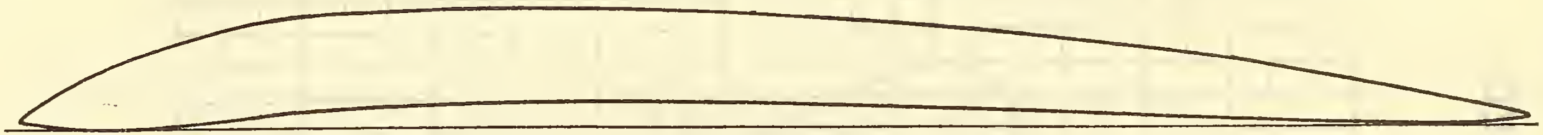
All dimensions given as decimal parts of chord.

AEROFOIL, SOPWITH (MODIFIED).

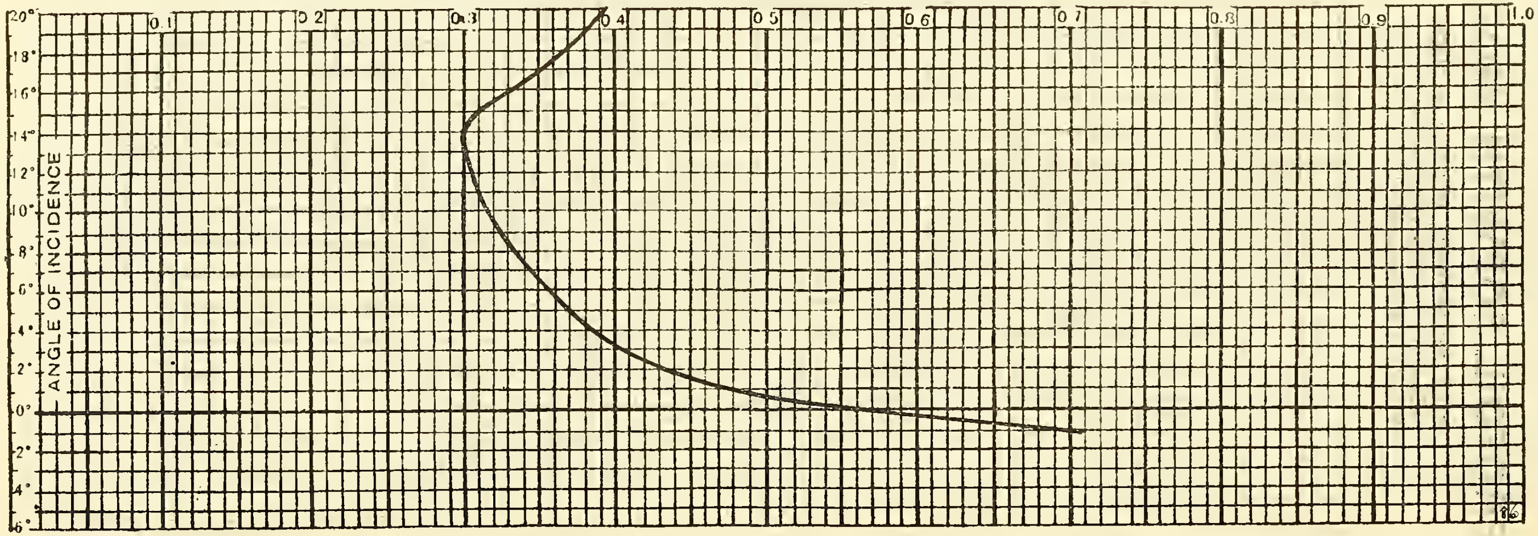
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 30 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, F. 2-B.



CURVE OF CENTER OF PRESSURE TRAVEL

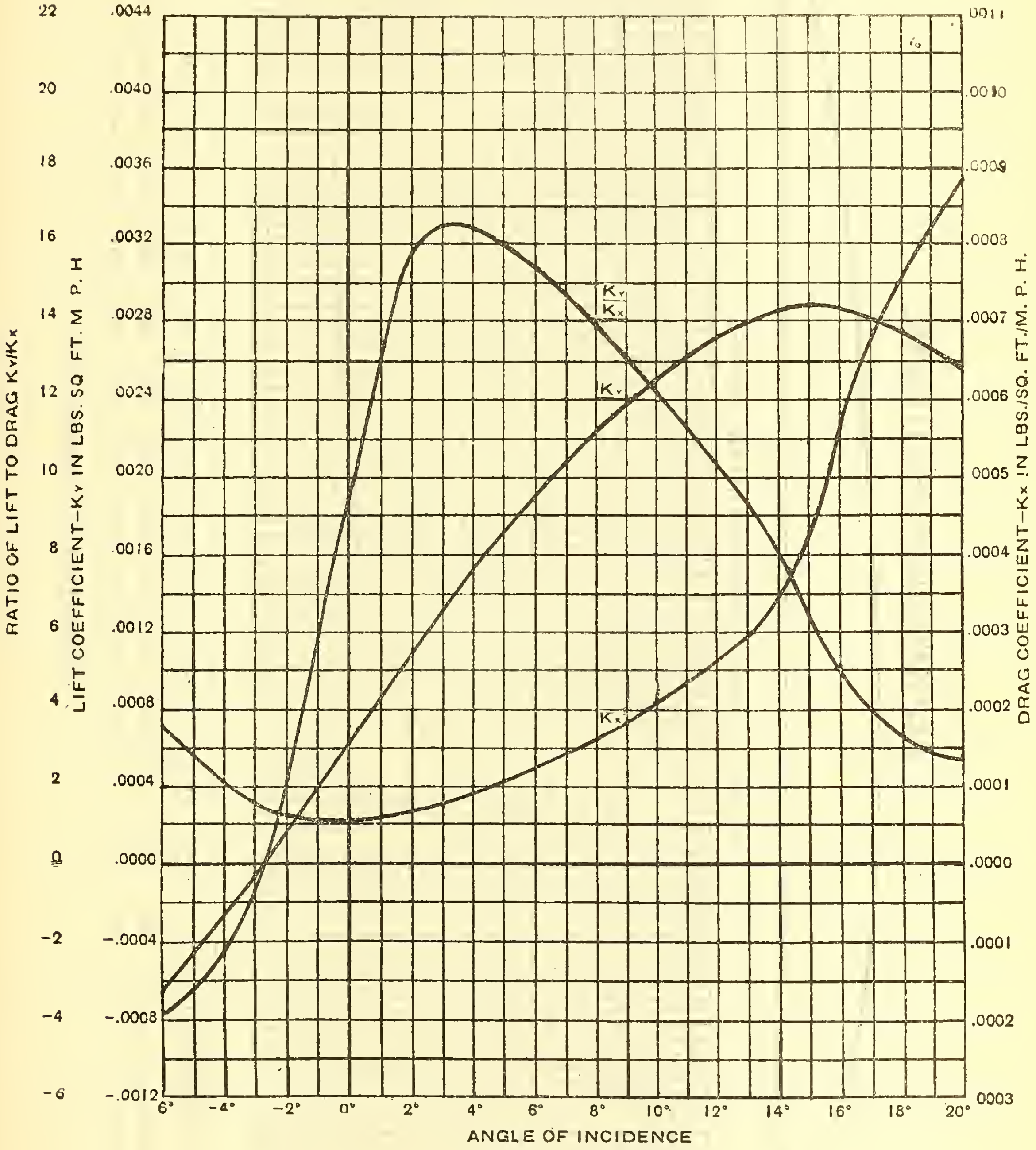


Distance from leading edge	0	.025	.050	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber	.008	.027	.040	.057	.068	.073	.076	.076	.076	.073	.061	.058	.045	.029	.018	.003
Lower camber	.008	.001	0	.001	.005	.010	.015	.017	.016	.014	.011	.008	.004	.001	0	.003

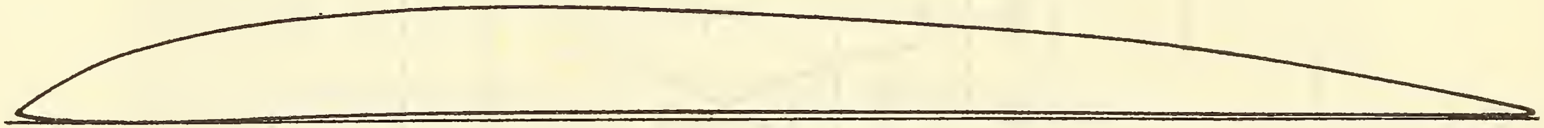
All dimensions given as decimal parts of chord.

AEROFOIL, F. 2-B.

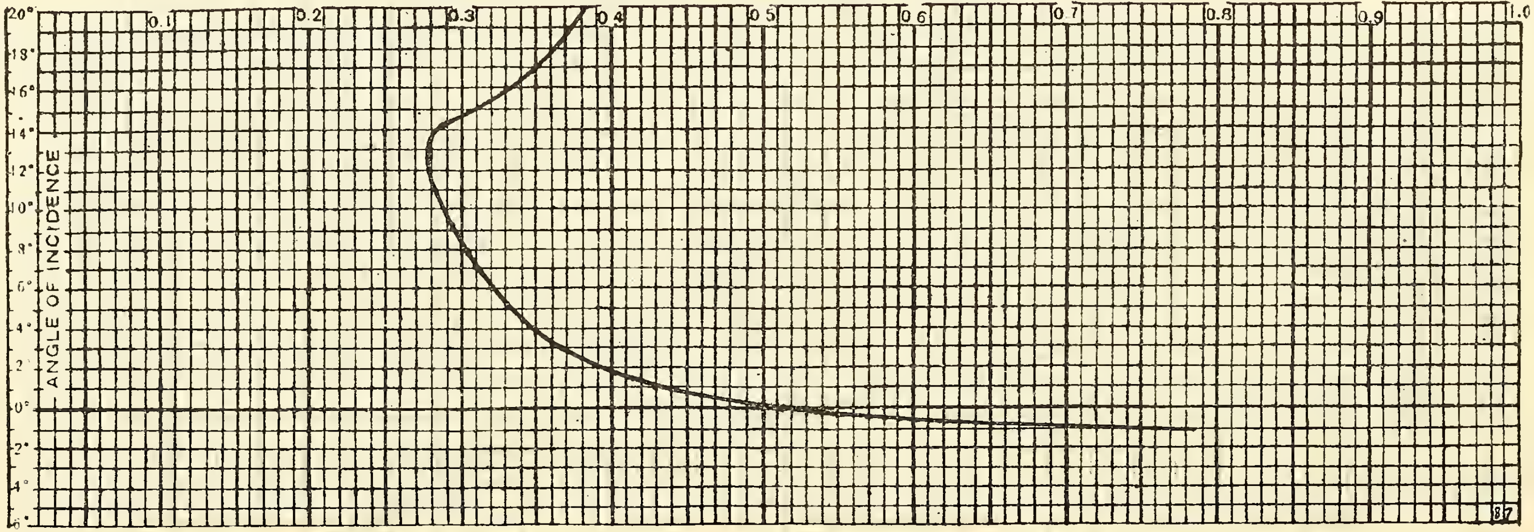
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, PORTHOLME.



CURVE OF CENTER OF PRESSURE TRAVEL

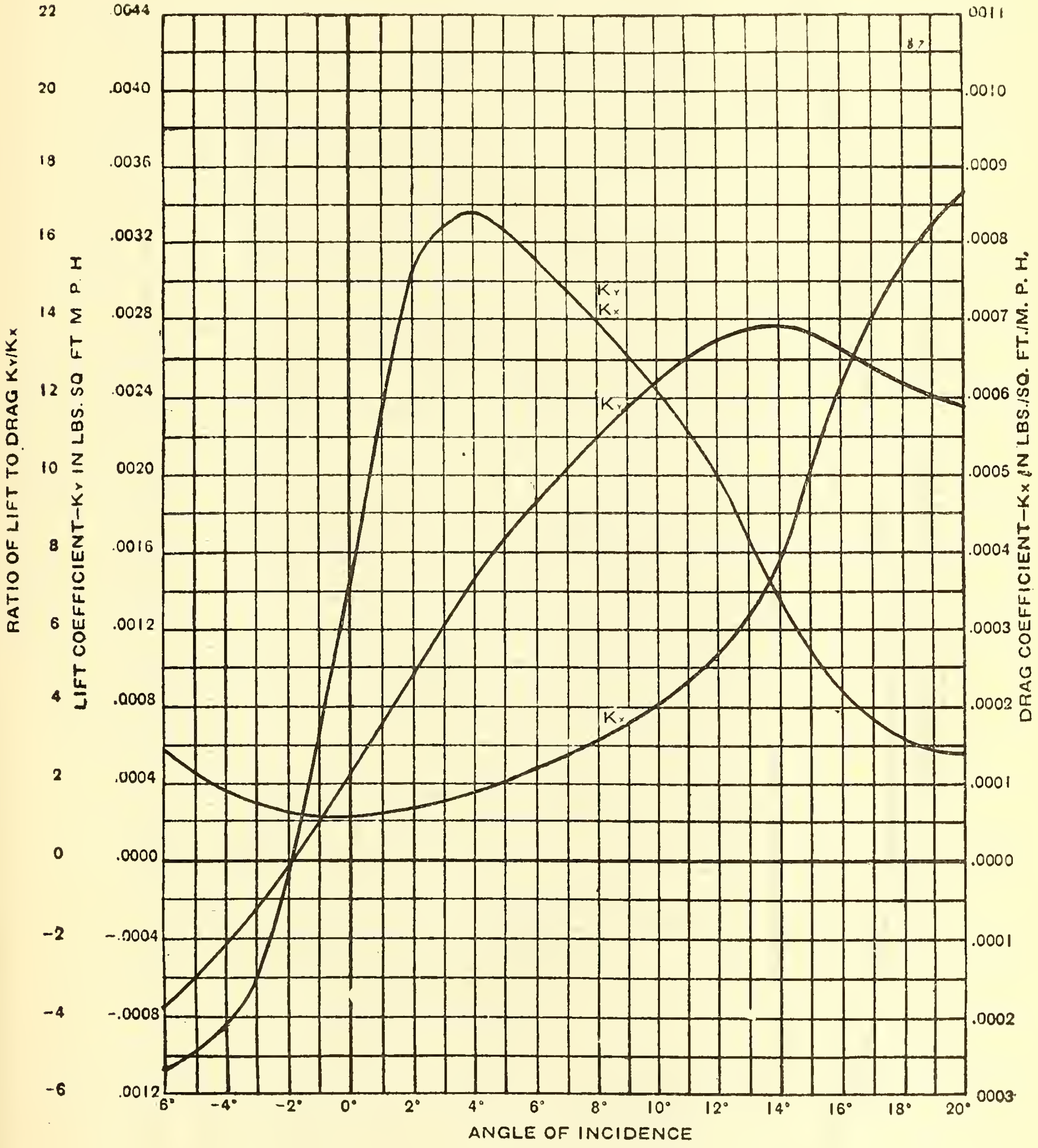


Distance from leading edge	0	.025	.05	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	.95	.975	1.00
Upper camber	.0096	.029	.0425	.0575	.0667	.0717	.0742	.0757	.0735	.0695	.0635	.055	.0432	.026	.0167	.0117	.002
Lower camber	.0096	.001	0	.0009	.0025	.0028	.0033	.0035	.0031	.0028	.0021	.00175	.0011	.0005	.0002	0	.002

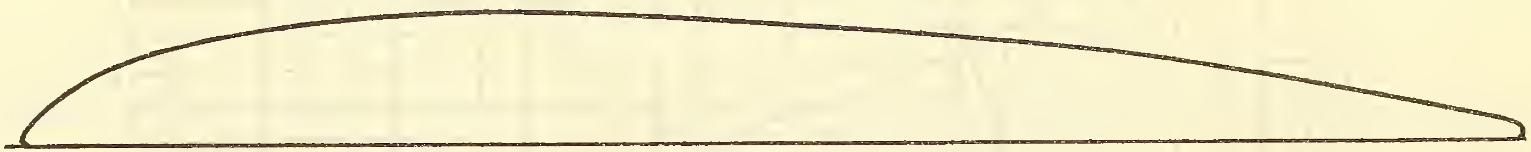
All dimensions given as decimal parts of chord.

AEROFOIL, PORTHOLME.

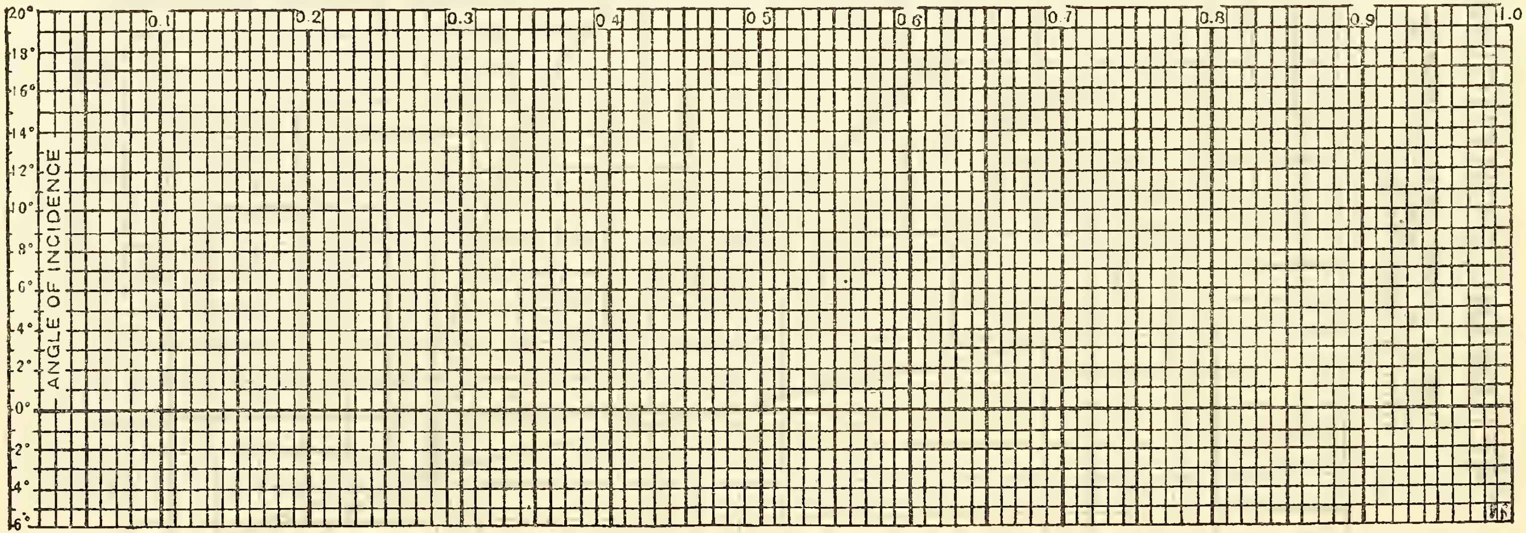
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, POWELL (PLAIN).



CURVE OF CENTER OF PRESSURE TRAVEL

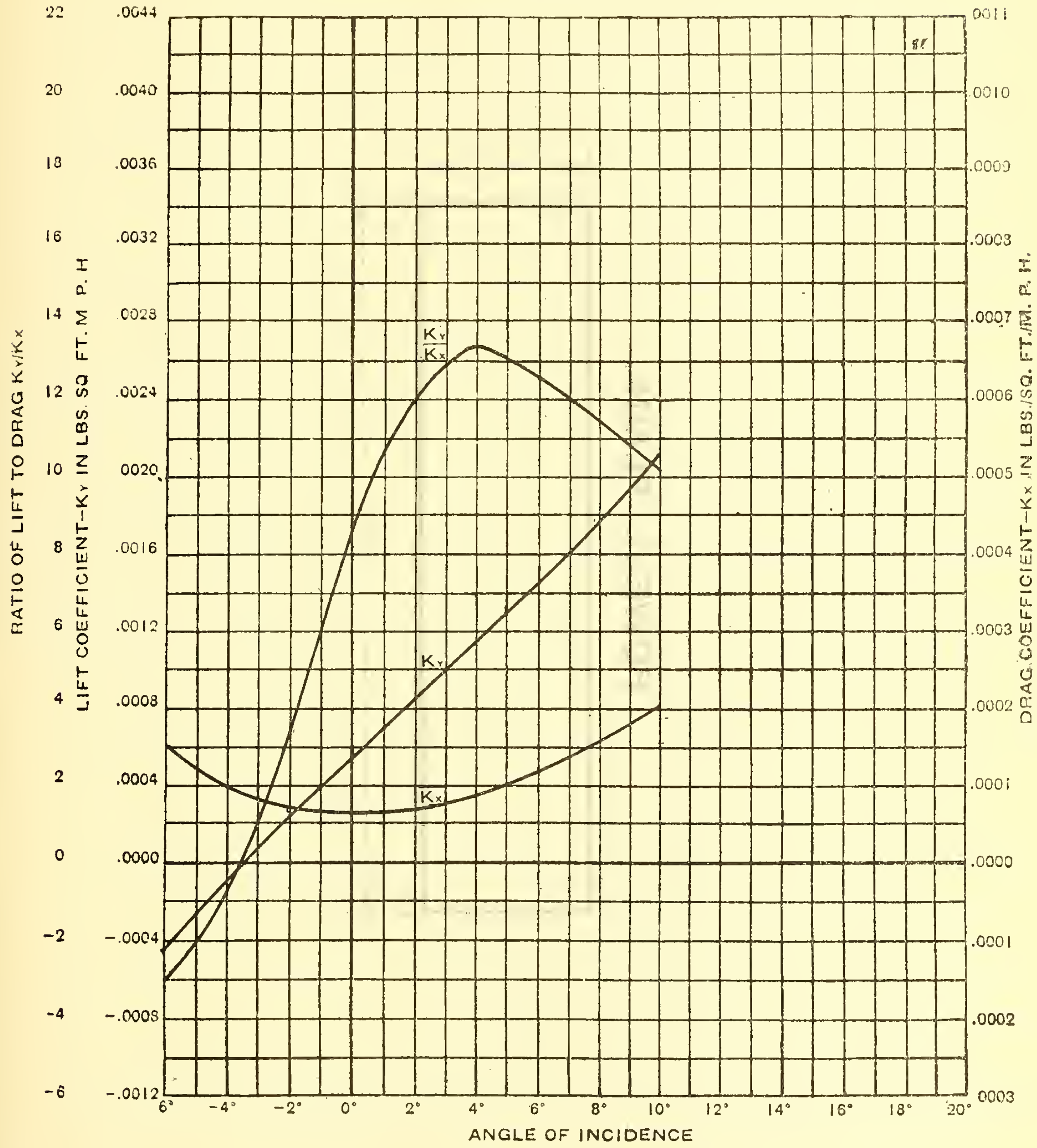


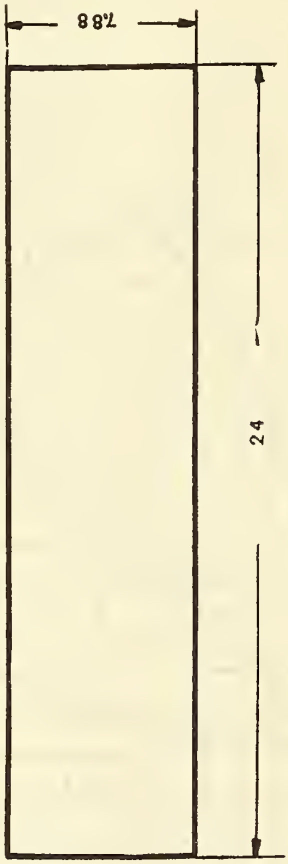
Distance from leading edge.	0	.01	.03	.05	.10	.15	.20	.26	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
Upper camber.....	.004	.0225	.037	.0475	.0645	.0747	.078	.0797	.0799	.0795	.0787	.0773	.0752	.0726	.0695	.0658	.0610	.0550	.0475	.0392	.03	.02	.008
Lower camber.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

All dimensions given as decimal parts of chord.

AEROFOIL, POWELL (PLAIN).

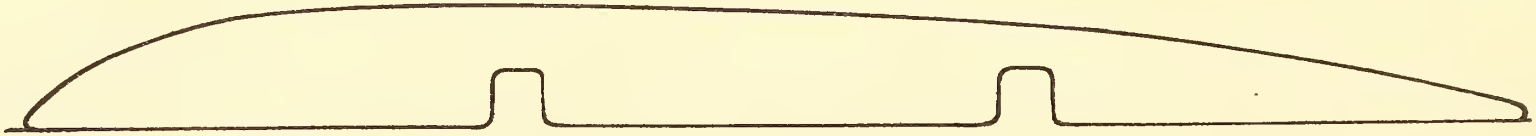
SIZE OF MODEL, 24 BY 7.88 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



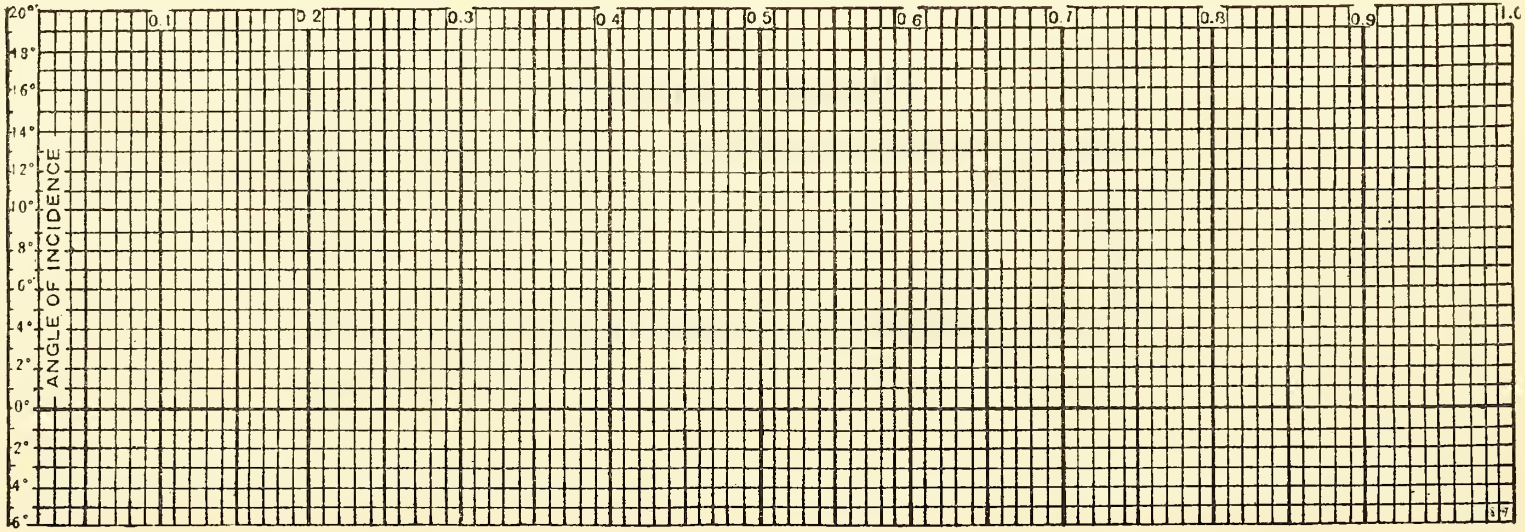


POWELL (PLAIN).

AEROFOIL, POWELL (GROOVED).



CURVE OF CENTER OF PRESSURE TRAVEL

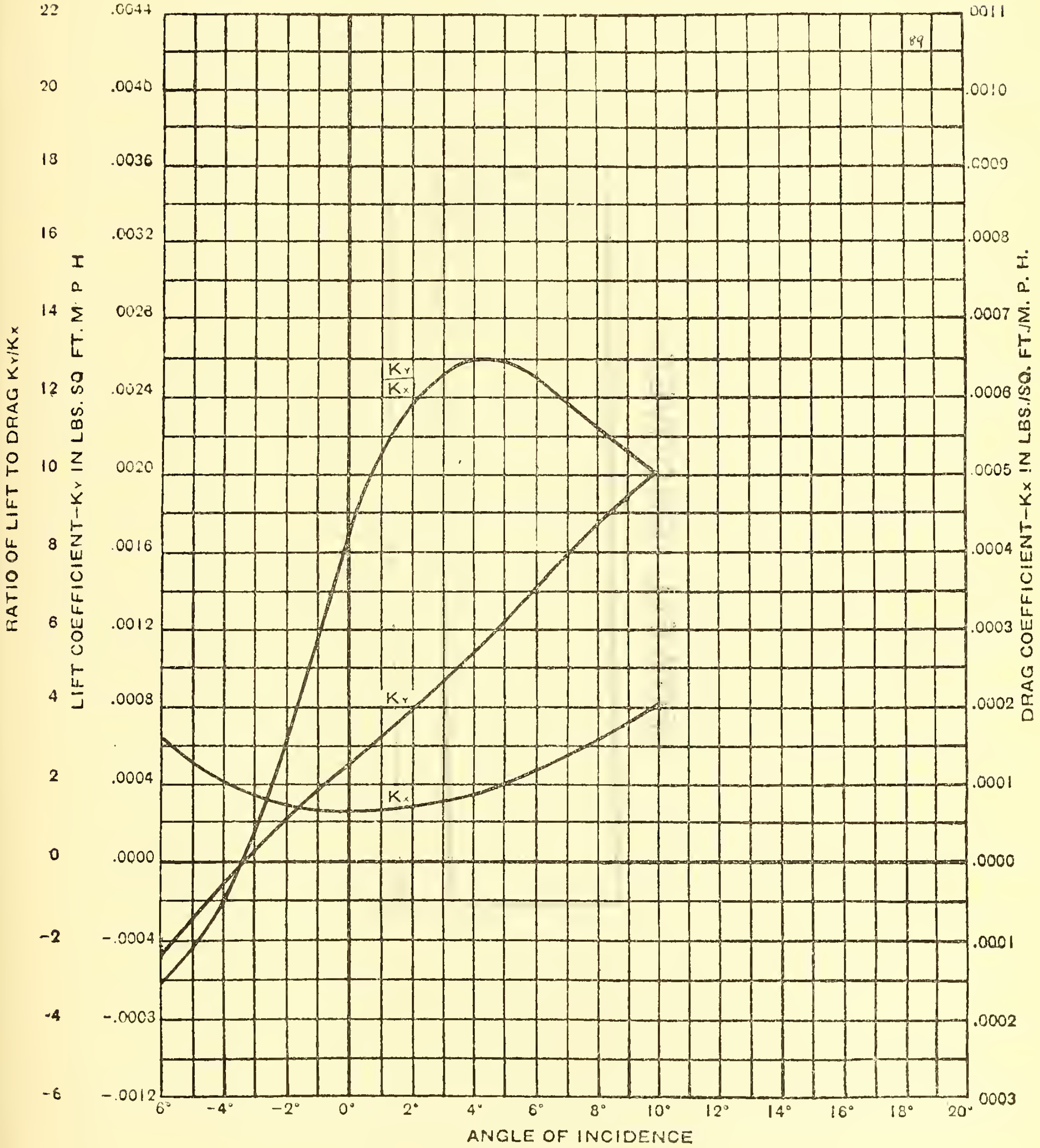


Distance from leading edge.	0	.01	.03	.05	.10	.15	.20	.26	.30	.35	.40	.45	.50	.55	.60	.65	70	.75	.80	.85	.90	.95	1.00
Upper camber.....	.004	.0225	.037	.0475	.0645	.0747	.078	.0797	.0799	.0795	.0787	.0773	.0752	.0726	.0695	.0658	.0610	.0550	.0475	.0392	.03	.02	.008
Lower camber.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

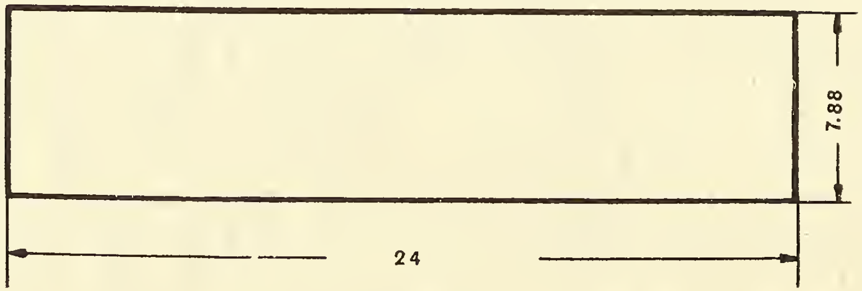
All dimensions given as decimal parts of chord.

AEROFOIL, POWELL (GROOVED).

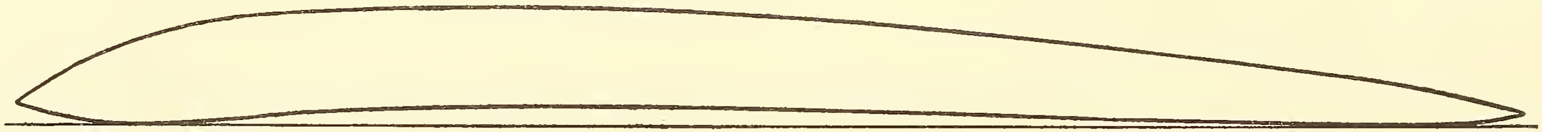
SIZE OF MODEL, 24 BY 7.88 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



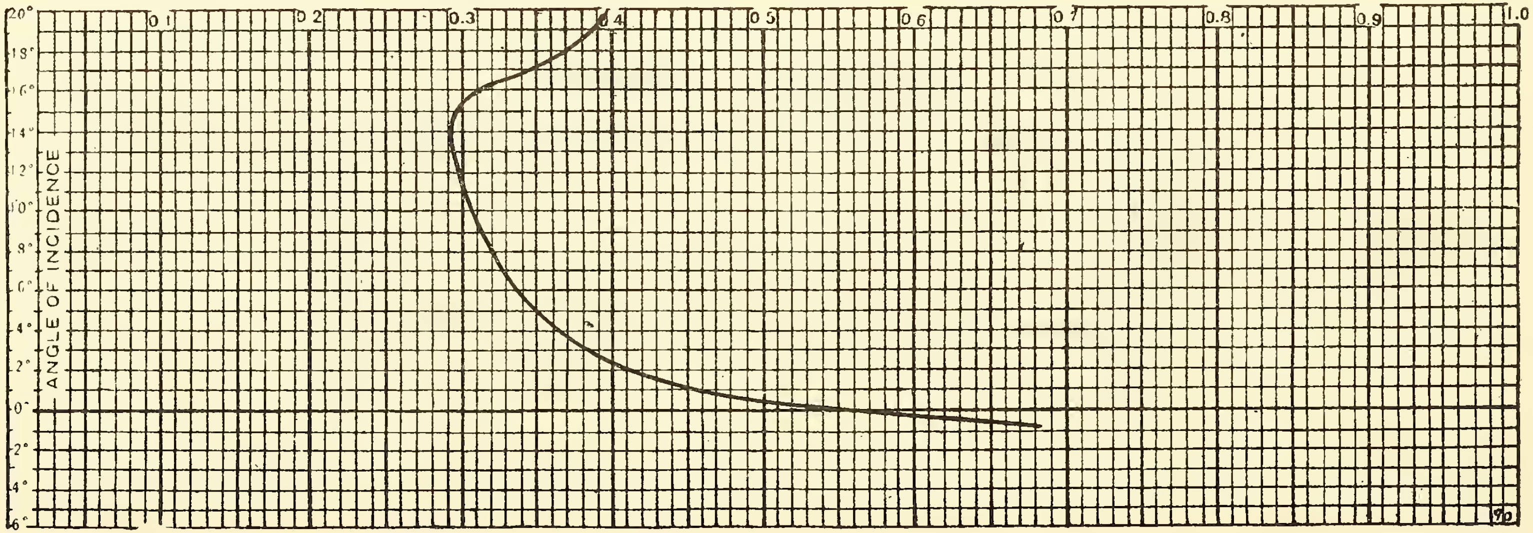
POWELL (GROOVED).



AEROFOIL, SCOUT E.



CURVE OF CENTER OF PRESSURE TRAVEL

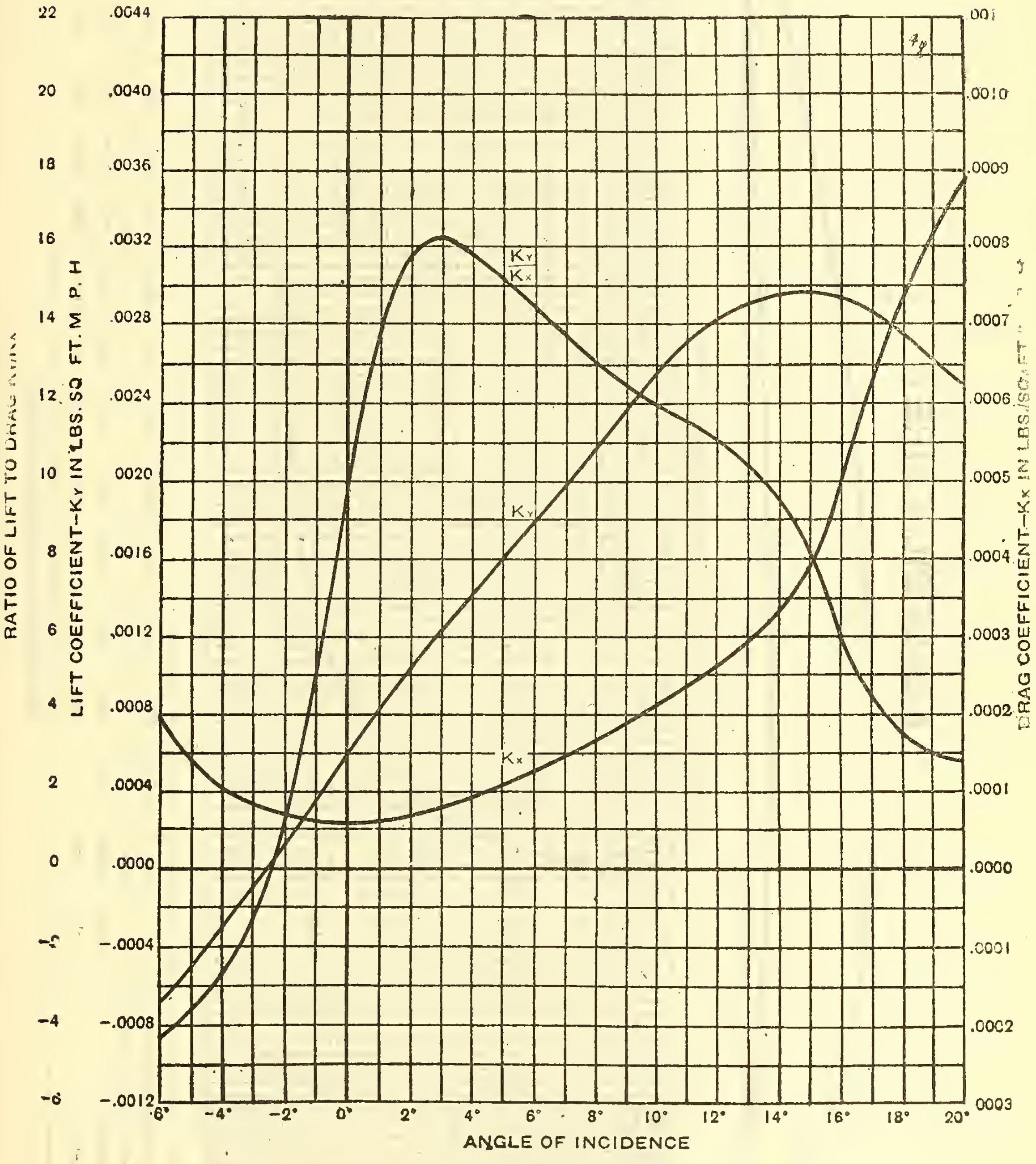


Distance from leading edge.......	.0	.025	.050	.10	.15	.20	.25	.30	.40	.50	.00	.70	.80	.90	.95	1.00
Upper camber..................	.011	.035	.049	.064	.071	.074	.075	.075	.073	.070	.065	.056	.043	.029	.020	.003
Lower camber..................	.011	.002	0	.001	.004	.007	.009	.011	.012	.011	.008	.004	.002	0	0	.003

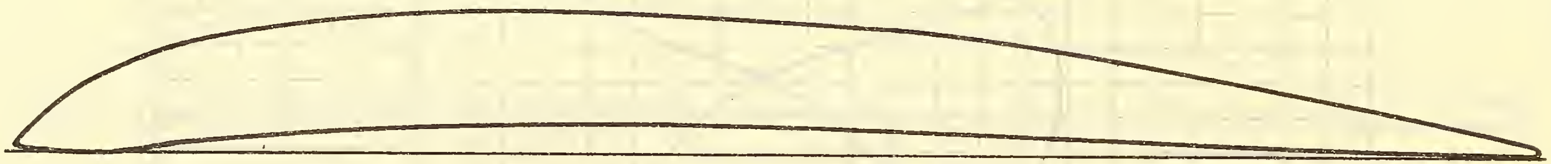
All dimensions given as decimal parts of chord.

AEROFOIL, SCOUT E.

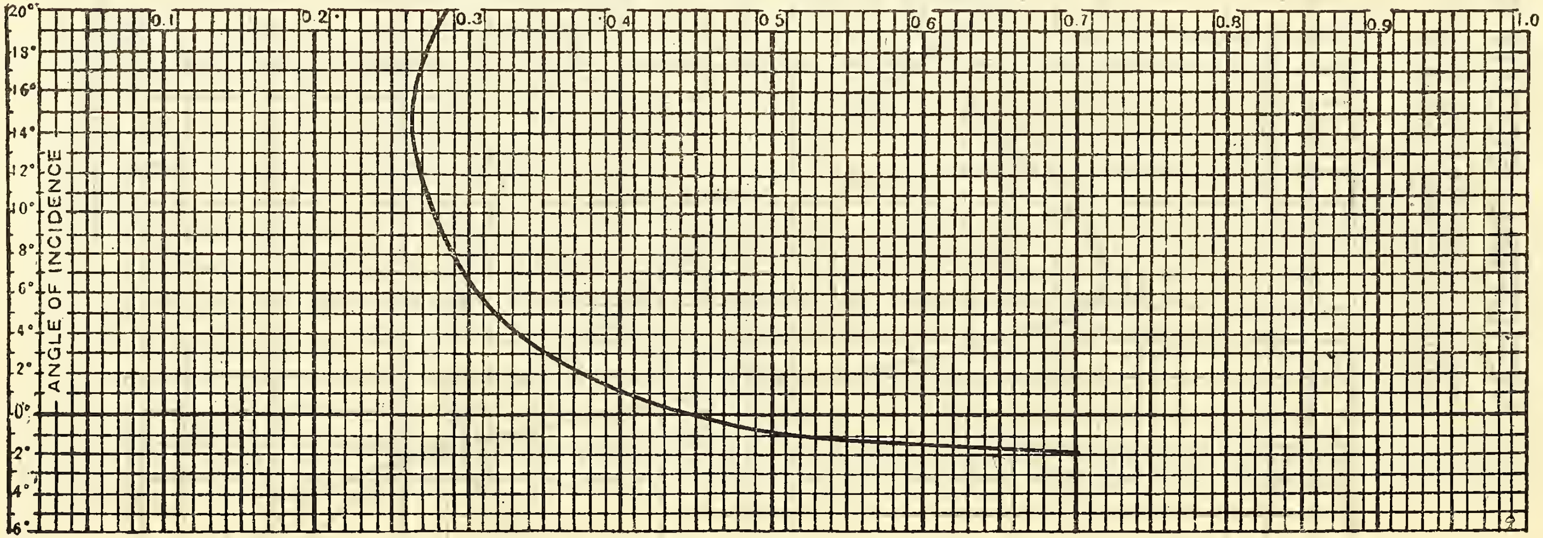
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAIREY.



CURVE OF CENTER OF PRESSURE TRAVEL

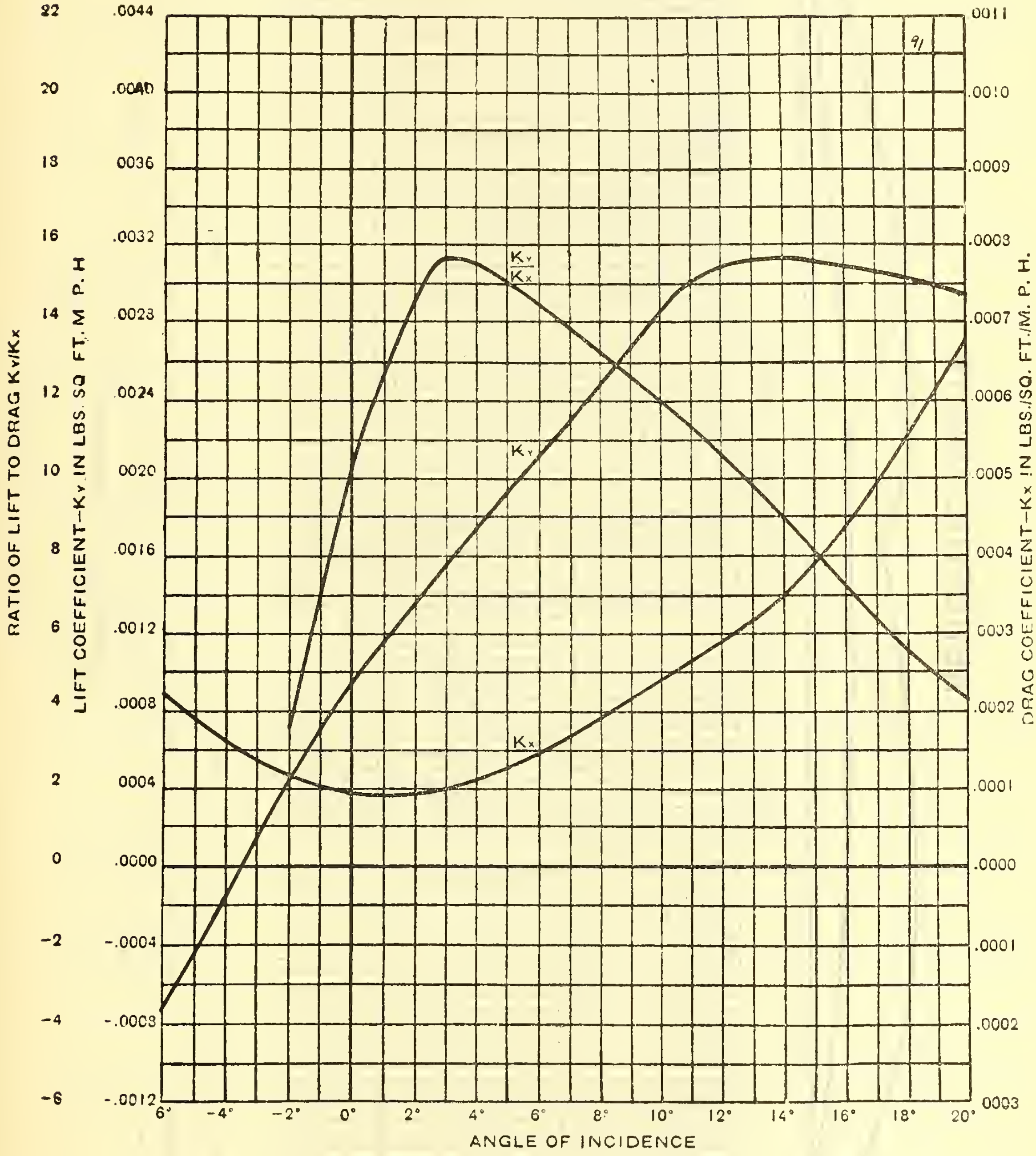


Distance from leading edge	0	.025	.033	.050	.10	.20	.25	.30	.35	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0013	.0306	.037	.0486	.071	.0885	.089	.094	.0935	.0922	.0872	.0783	.0645	.0485	.029	.0067
Lower camber	.0013	.0003	0	.0007	.007	.0146	.0166	.018	.0186	.018	.0167	.0147	.011	.007	.0033	0

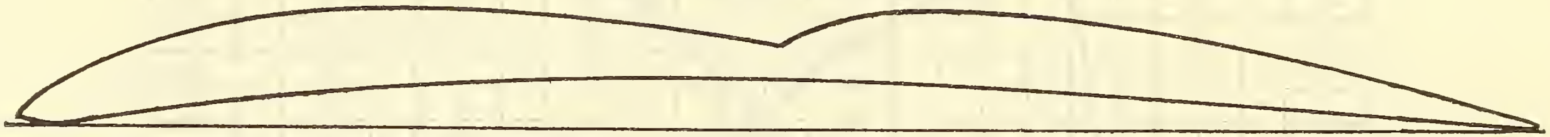
All dimensions given as decimal parts of chord.

AEROFOIL, FAIREY.

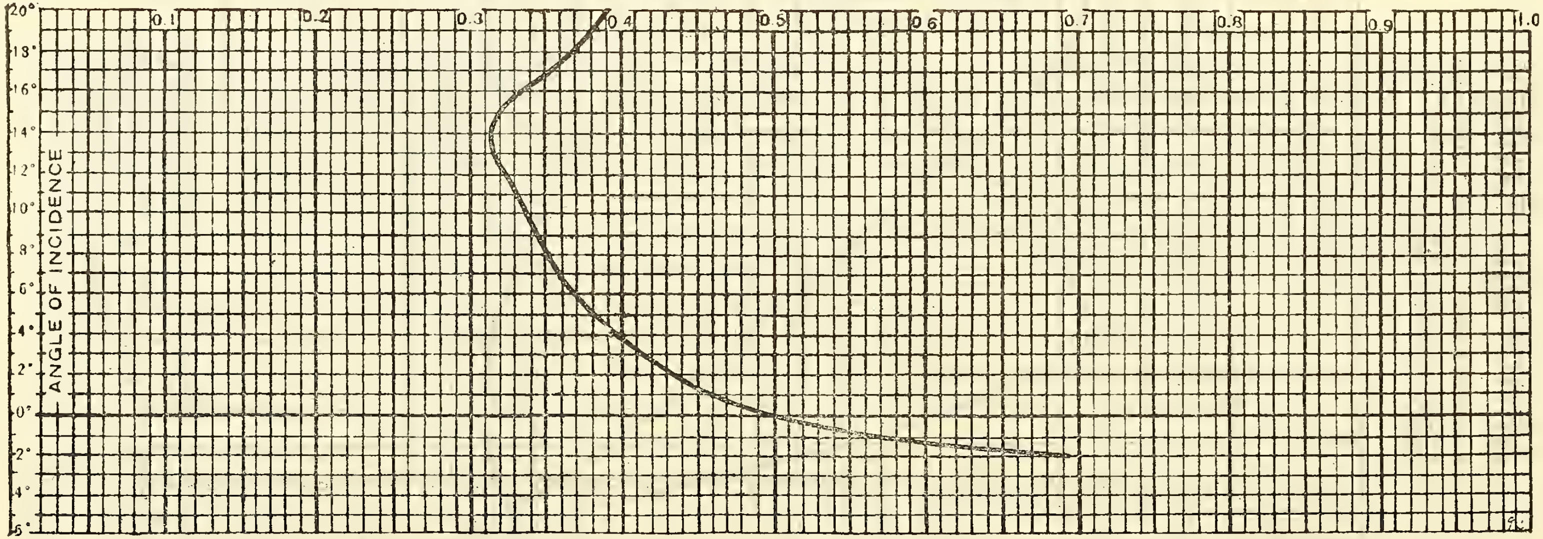
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, WHITE.



CURVE OF CENTER OF PRESSURE TRAVEL

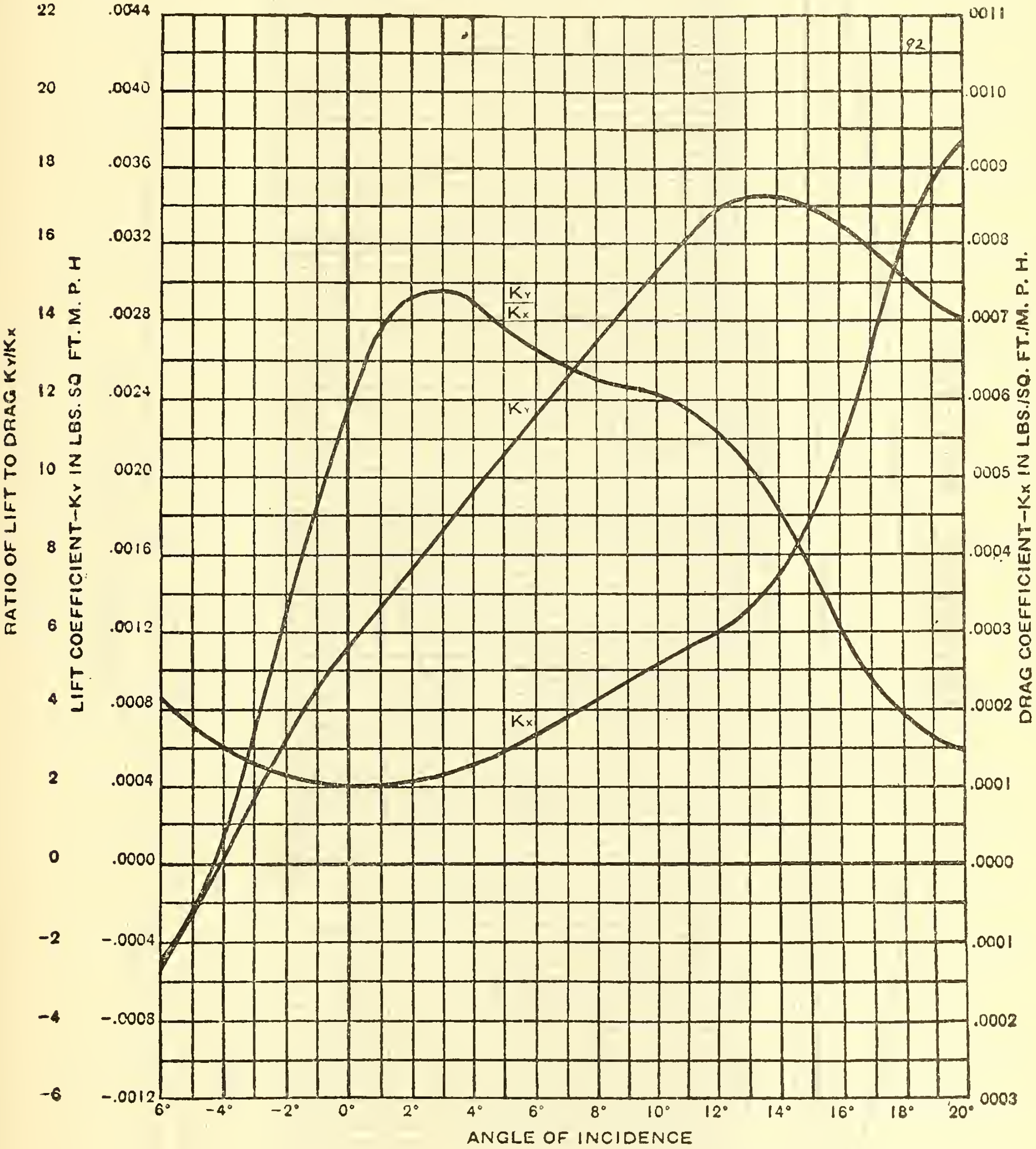


Distance from leading edge..	0.	.015	.03	.061	.091	.122	.152	.183	.244	.305	.366	.427	.494	.503	.518	.548	.579	.640	.701	.762	.884	.945	.996	1.00
Upper camber................	.0058	.0259	.0354	.0497	.0597	.067	.0722	.0752	.078	.0765	.0719	.0655	.0555	.0588	.0652	.0737	.0771	.0771	.071	.0615	.0363	.0219	.0088	.0024
Lower camber................	.0058	0	.0034	.0091	.014	.0183	.0219	.0253	.0299	.0326	.0341	.0347	0	0	.0326	0	.0308	.0280	.0244	.0204	.0104	.0052	0	.0024

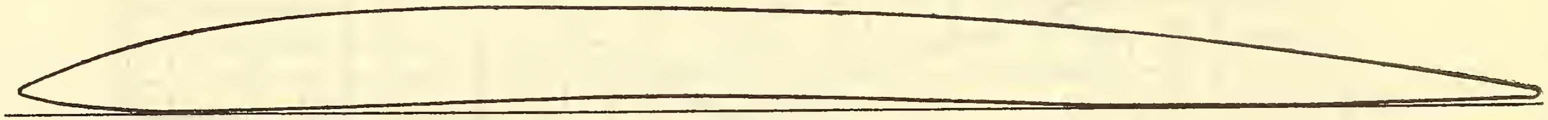
All dimensions given as decimal parts of chord.

AEROFOIL, WHITE.

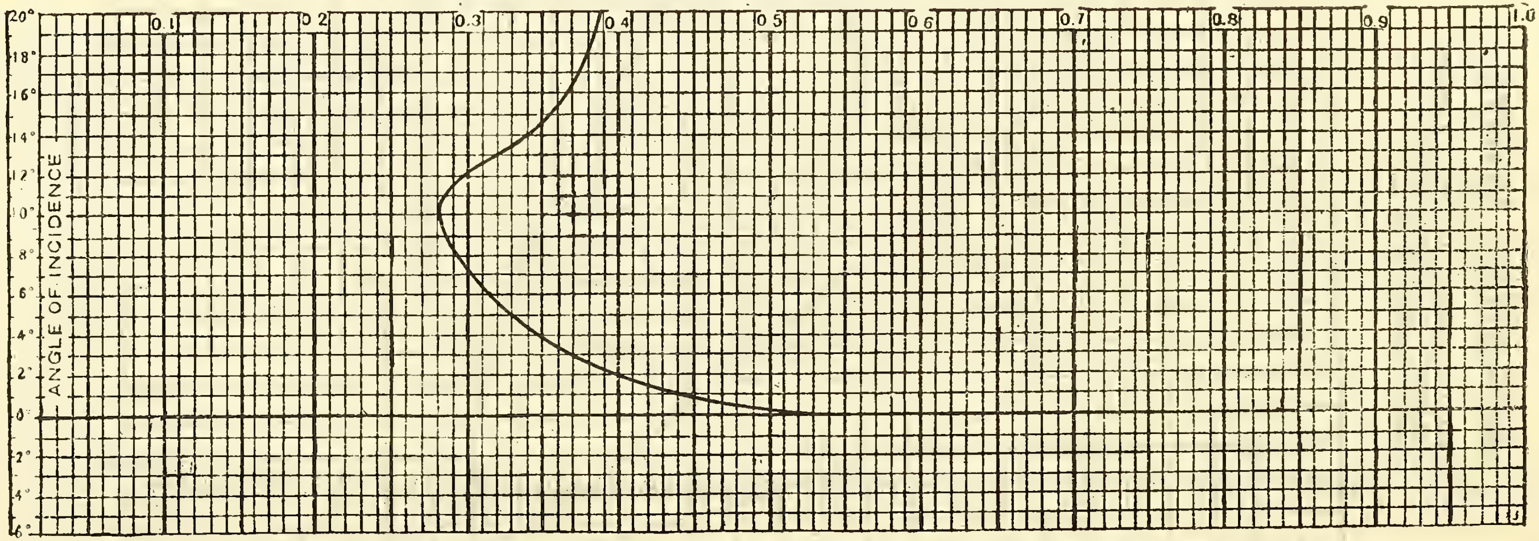
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, BRISTOL.



CURVE OF CENTER OF PRESSURE TRAVEL

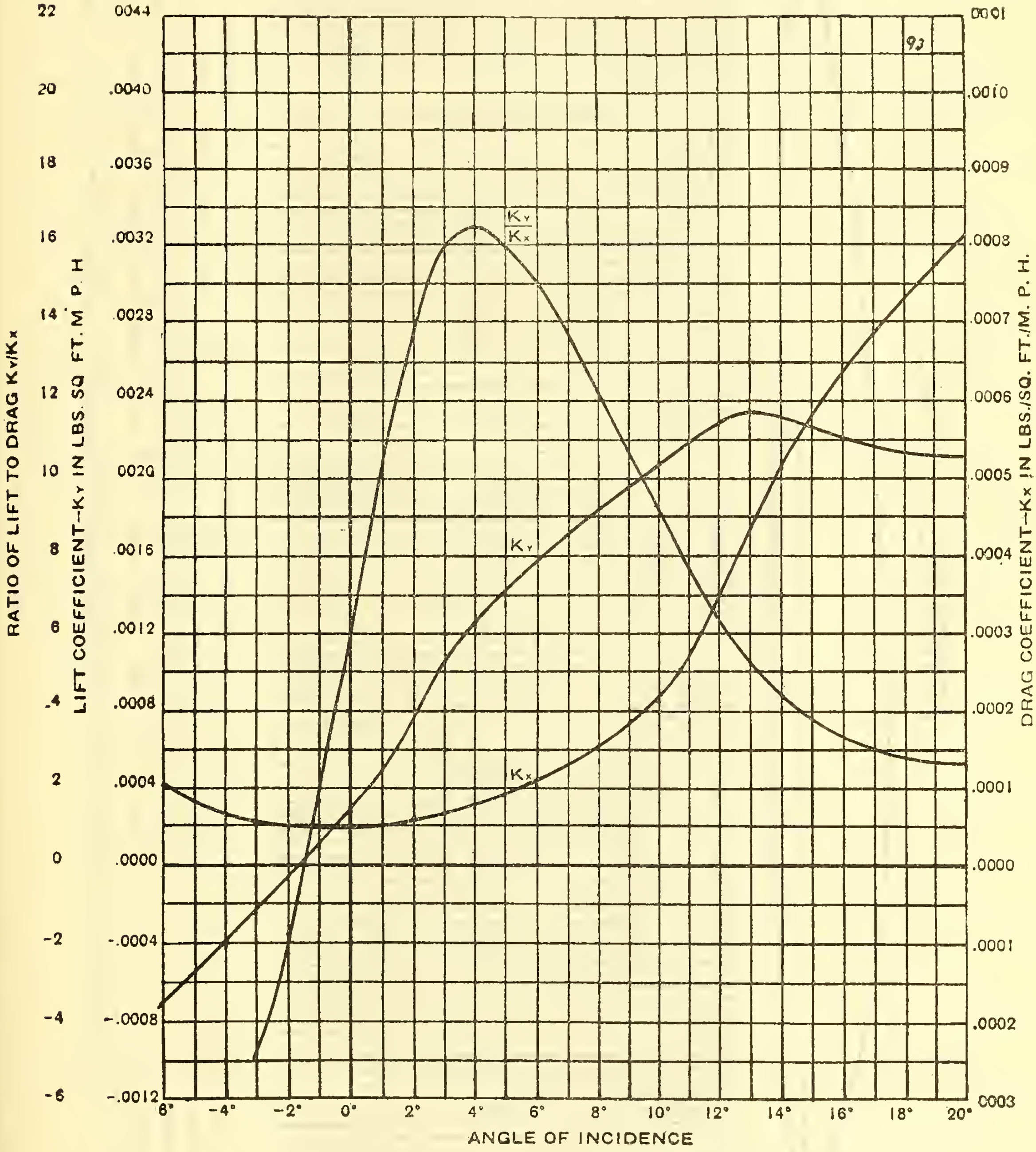


Distance from leading edge	0	.01	.02	.05	.08	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0174	.022	.027	.0361	.046	.0508	.0592	.0641	.0677	.0676	.0665	.0614	.0531	.0414	.0272	.0104
Lower camber	.0139	.01	.0099	.0040	.005	.0004	.0008	.0035	.0083	.0105	.0099	.0071	.0027	0	.0012	.0069

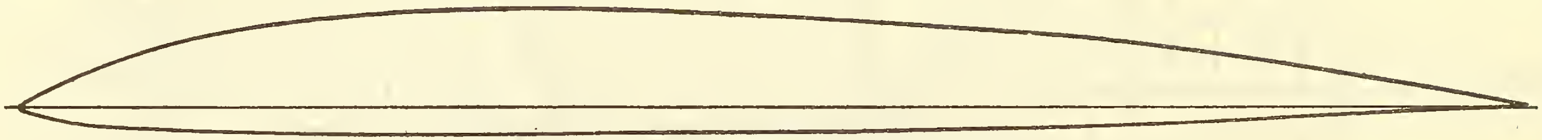
All dimensions given as decimal parts of chord.

AEROFOIL, BRISTOL.

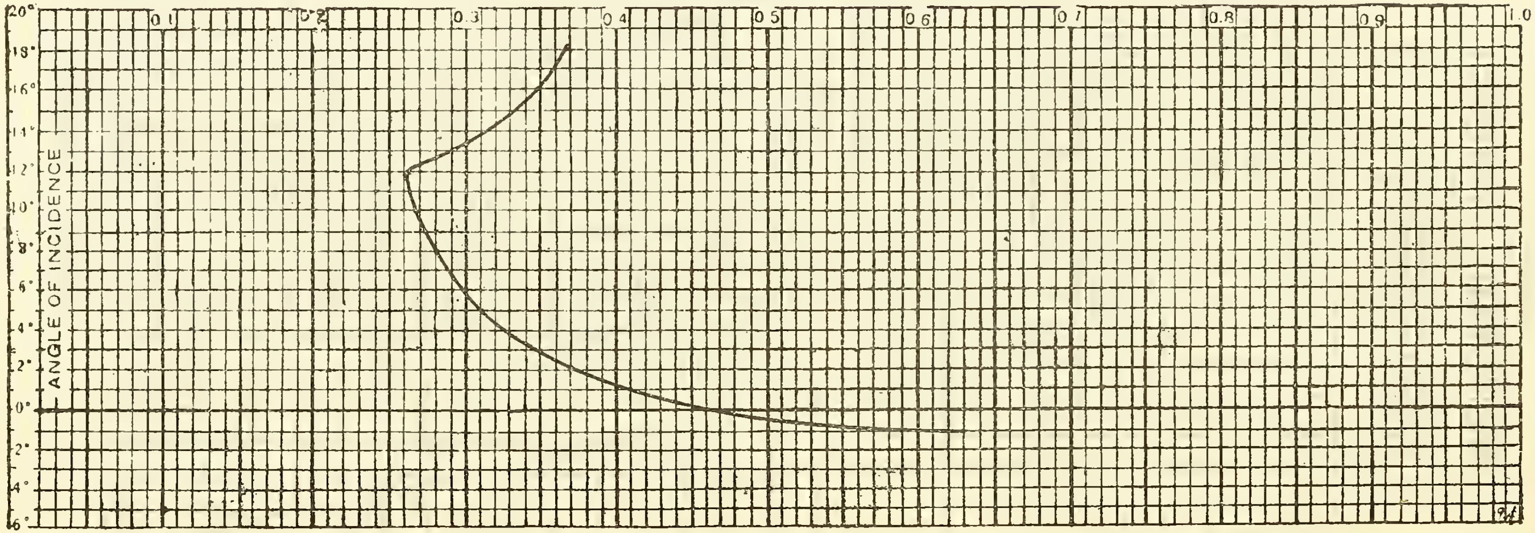
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 1



CURVE OF CENTER OF PRESSURE TRAVEL

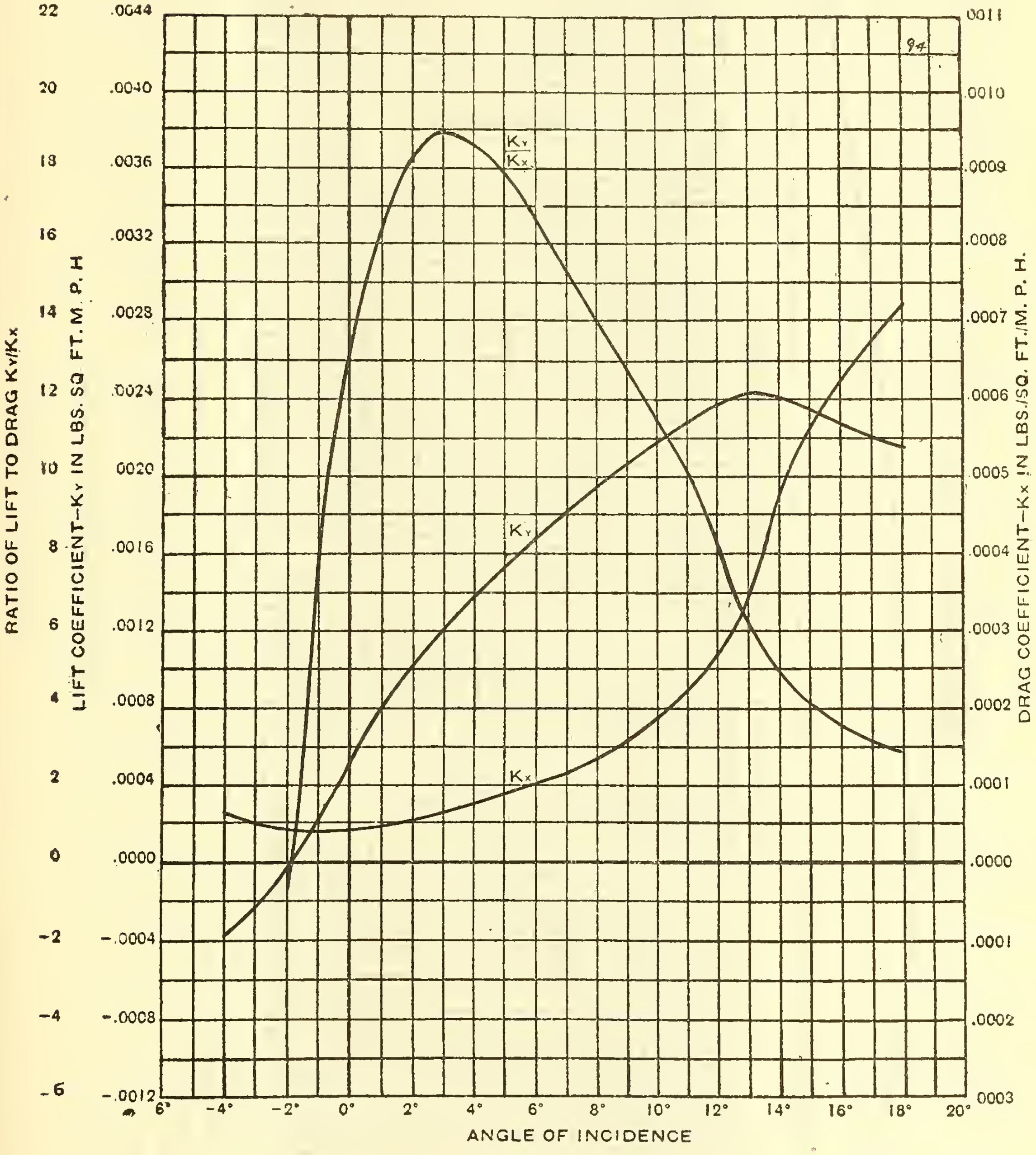


Distance from leading edge.......	0	.01	.02	.05	.08	.10	.1266	.190	.2535	.317	.380	.469	.557	.646	.734	.823	.912
Upper camber....................	0	.009	.0137	.027	.036	.0415	.0477	.0561	.0615	.0636	.0642	.0623	.0574	.05	.0415	.0318	.170
Lower camber....................	0	-.007	-.0087	-.0116	-.0131	-.0140	-.0142	-.0145	-.0156	-.0160	-.0161	-.0162	-.0155	-.0139	-.0120	-.0082	-.0063

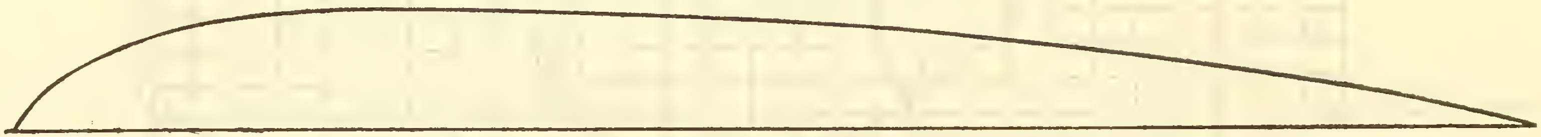
The radius of curvature at leading edge=.0906 chord. The radius of curvature at trailing edge=.0587 chord. All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 1.

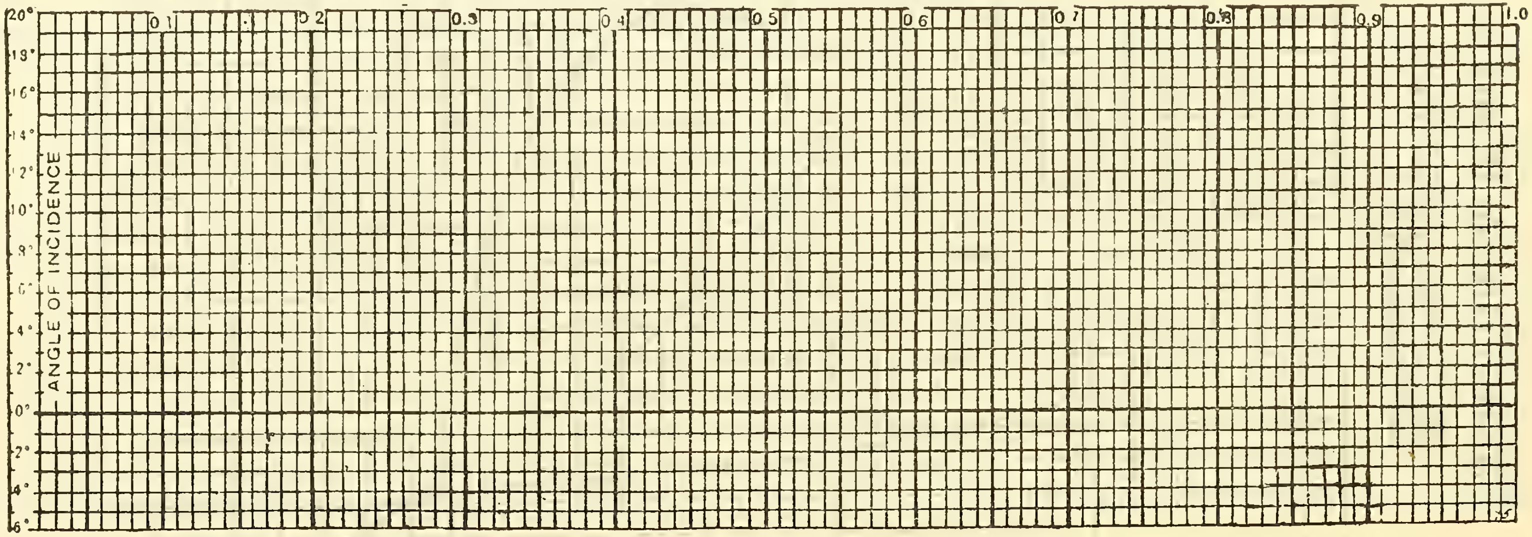
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 20.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 64



CURVE OF CENTER OF PRESSURE TRAVEL

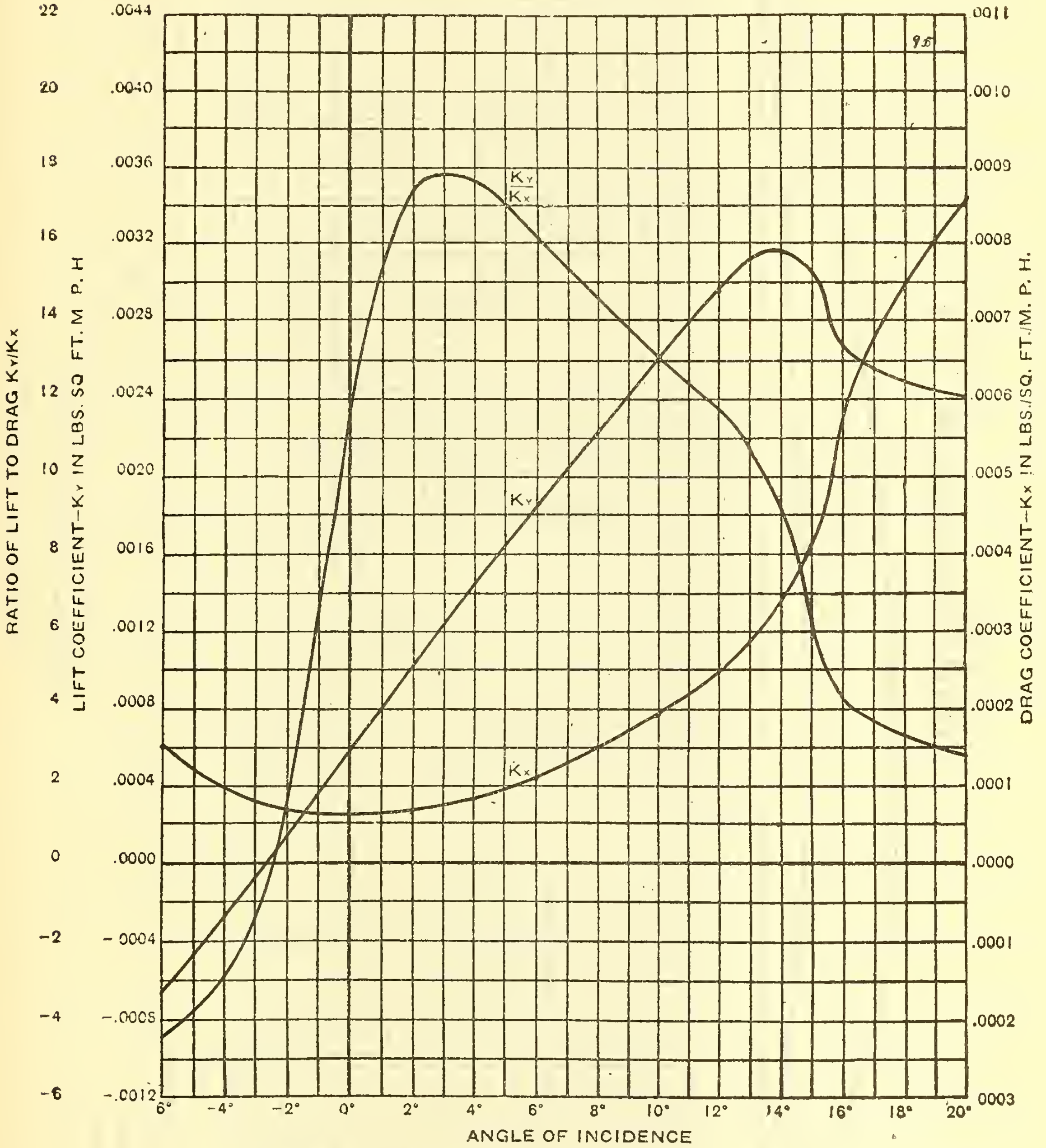


Distance from leading edge	.01	.025	.05	.08	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90
Upper chamber	.019	.033	.046	.0575	.062	.072	.076	.0795	.080	.072	.071	.062	.051	.039	.023
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

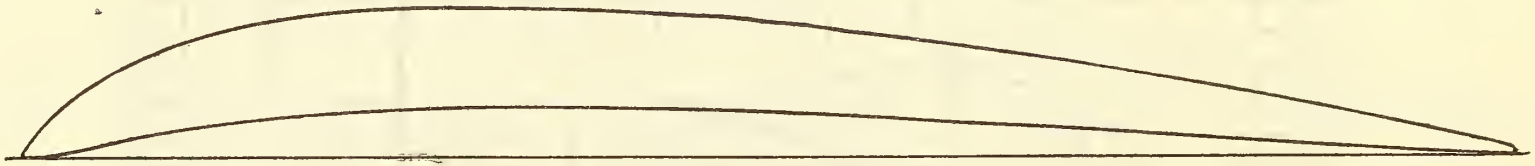
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 64.

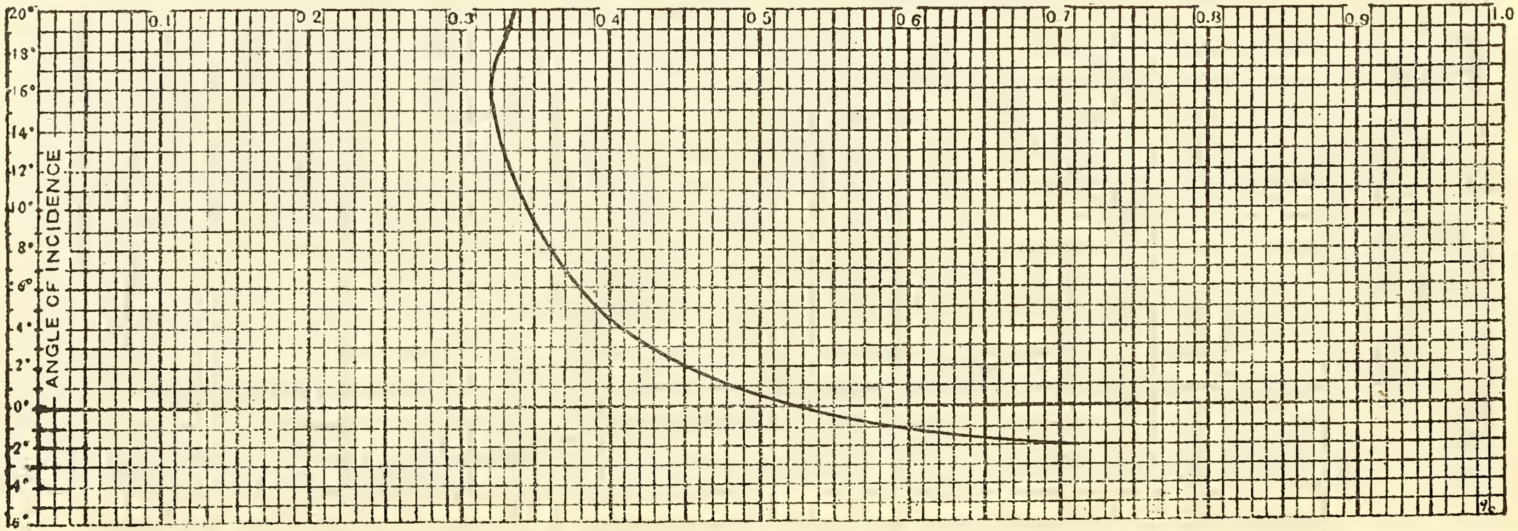
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 214.



CURVE OF CENTER OF PRESSURE TRAVEL

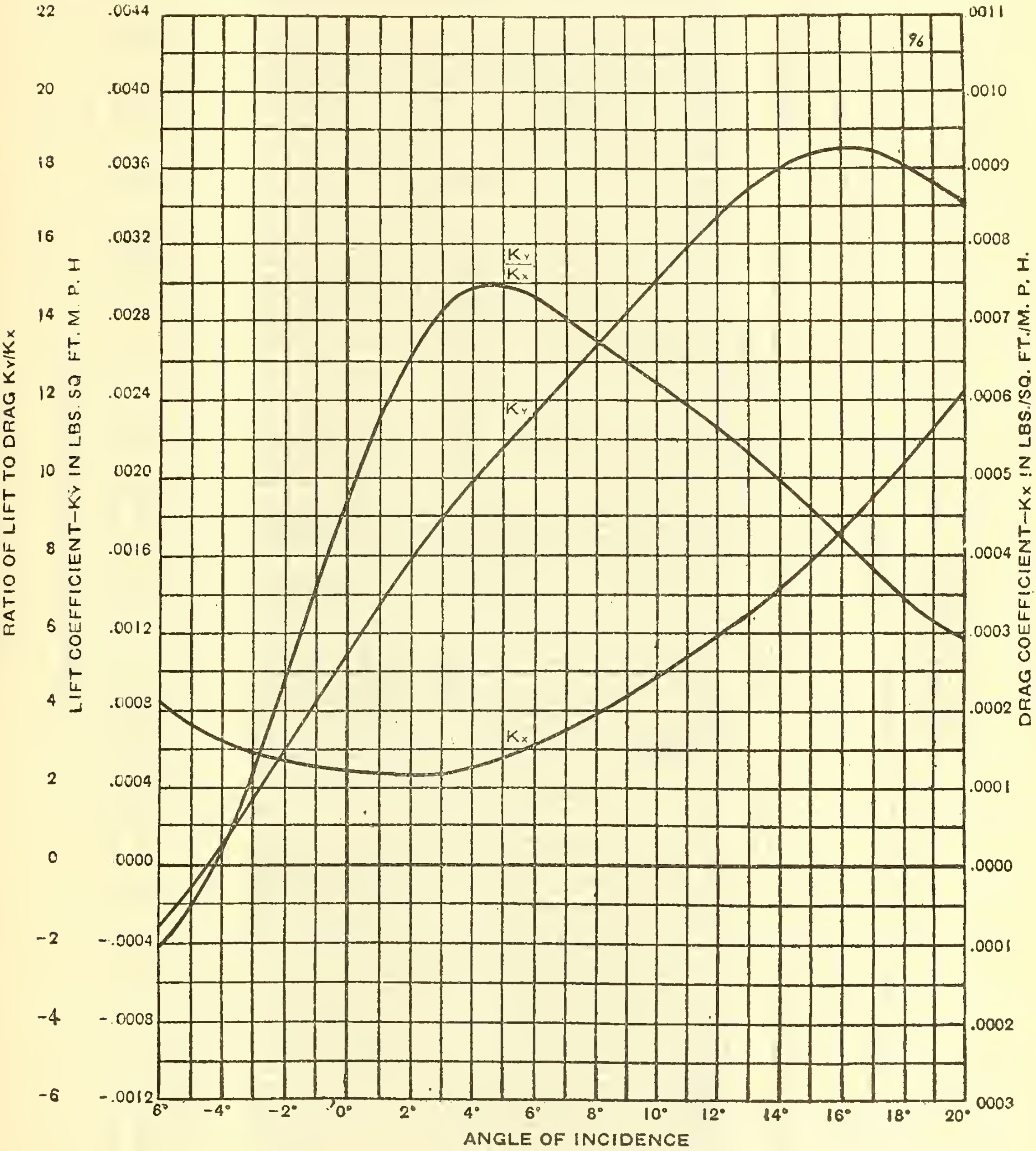


Distance from leading edge	0	.005	.012	.020	.031	.039	.046	.085	.095	.116	.162	.180	.199	.330	.444	.538	.596	.698	.726	.836	.848	.931	.922	1.00
Upper camber	0	.01	.02	.03	.04	......	.05	.07	......	.08	.09	......	.095	.10	.095	......	.08	......	.06	.04	......	.02	.01	......
Lower camber	0	......	......	......	......	.01	......	......	.02	......	......	.03	......	.0353	......	.03	......	.02	......	......	.01	......	......	......

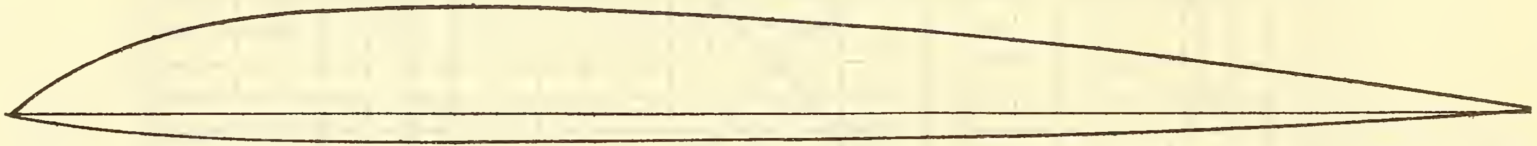
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 214.

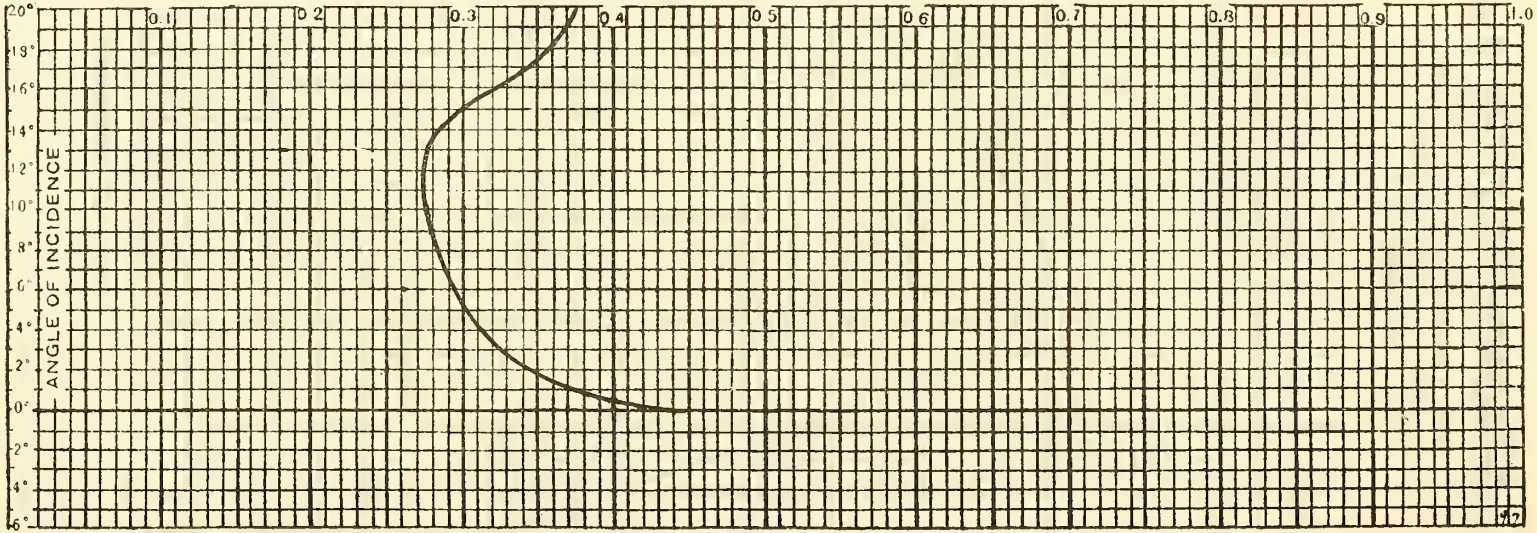
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

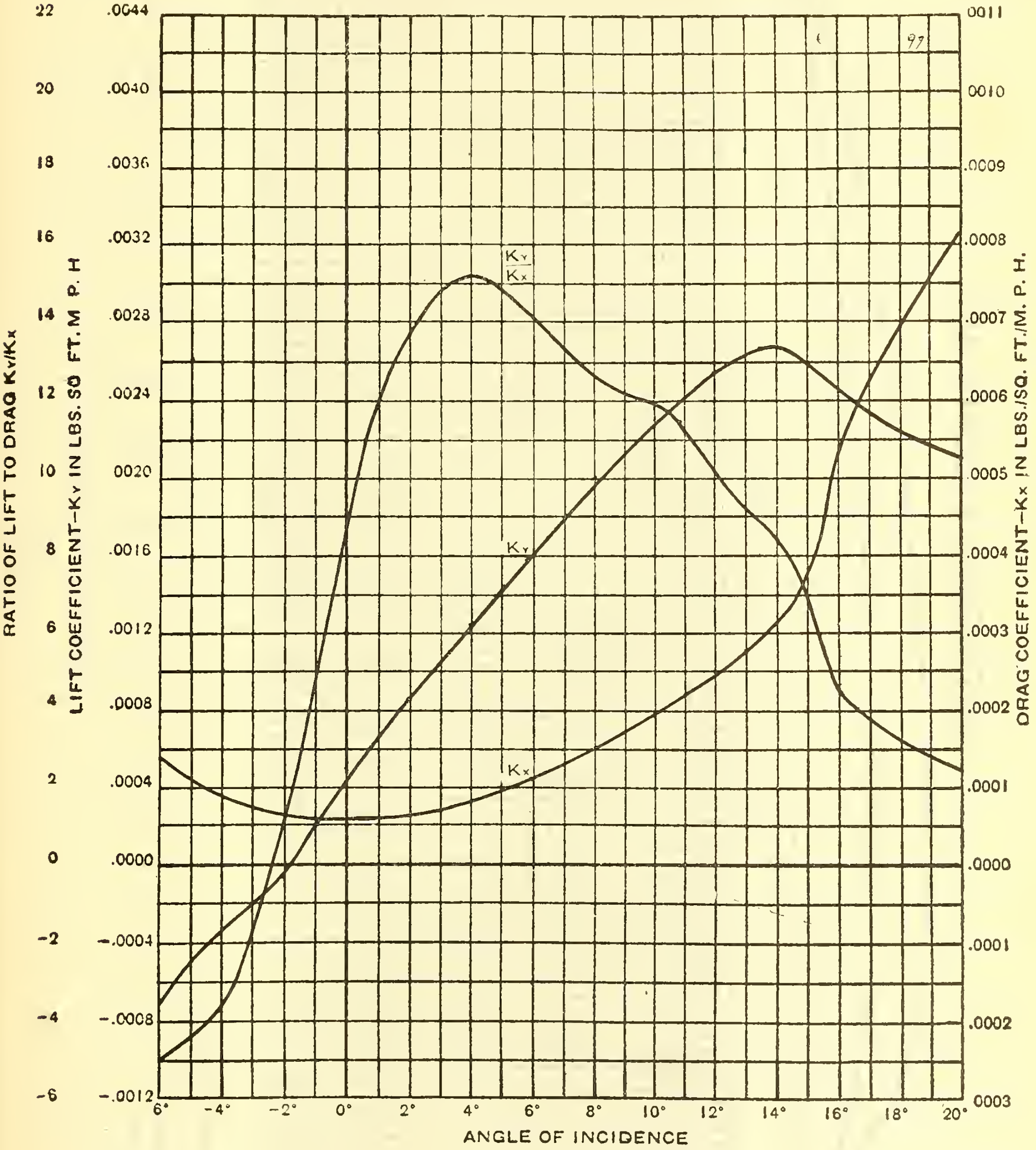


Distance from leading edge	0	.005	.01	.025	.05	.08	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.01	.015	.02403	.03717	.048	.0531	.05348	.06858	.0711	.072	.06912	.063	.05472	.04383	.03177	.01845	0
Lower camber	0	....	−.0065	−.00945	−.01125	−.0133	−.0144	−.01647	−.01747	−.01773	−.018	−.0177	−.0171	−.01575	−.01358	−.01125	−.00882	0

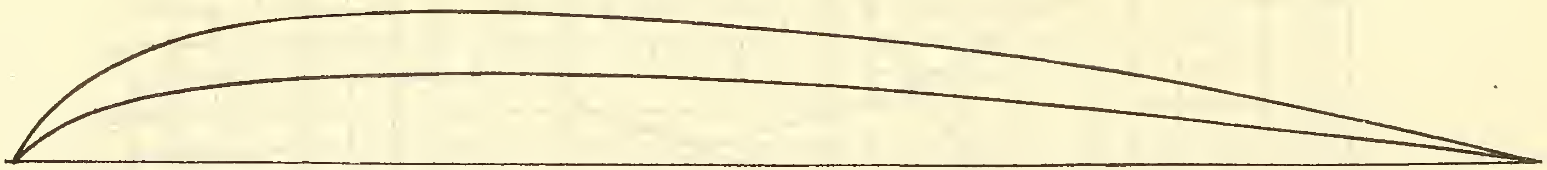
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 4.

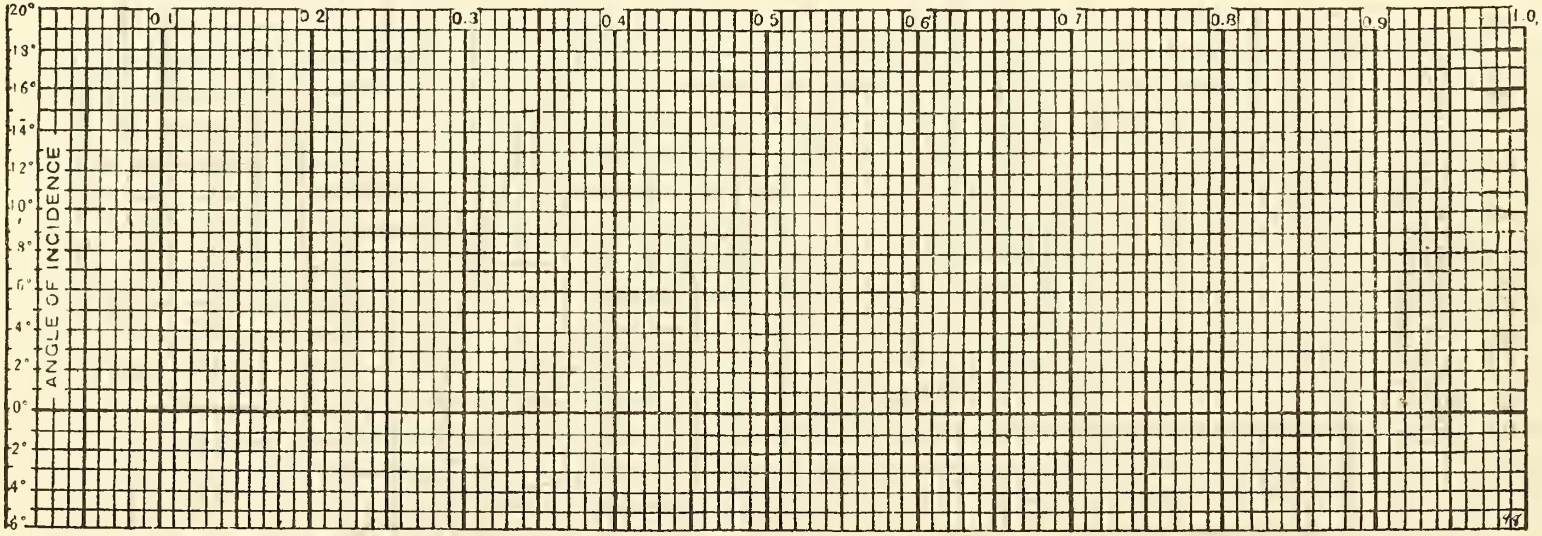
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 4C.



CURVE OF CENTER OF PRESSURE TRAVEL

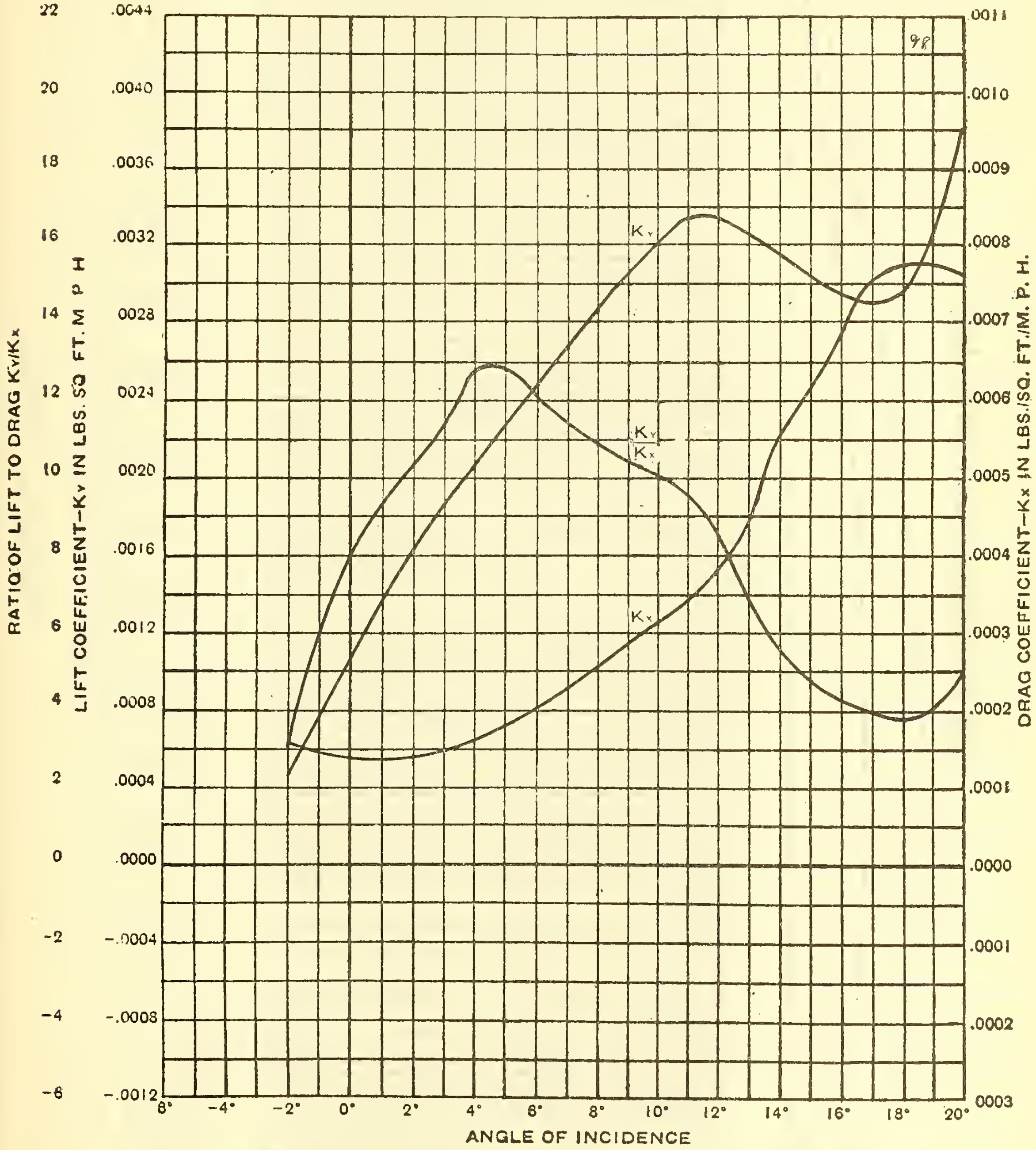


Distance from leading edge	0	.01	.02	.025	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.02	.03	.037	.057	.071	.08	.097	.099	.097	.088	.078	.063	.045	.025	0
Lower camber	0	.01	.02	.022	.034	.043	.048	.058	.0595	.058	.053	.047	.038	.027	.015	0

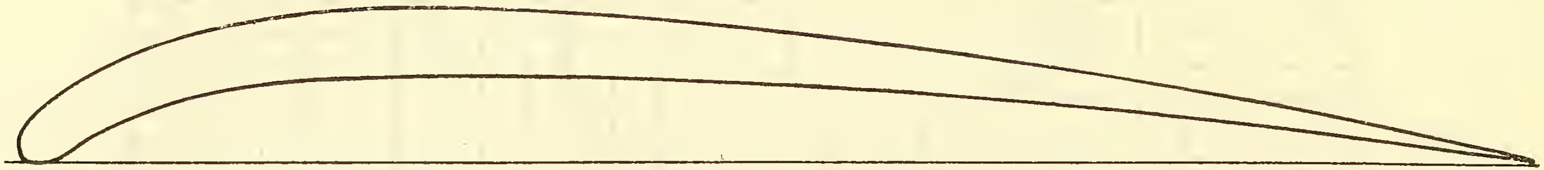
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 4c.

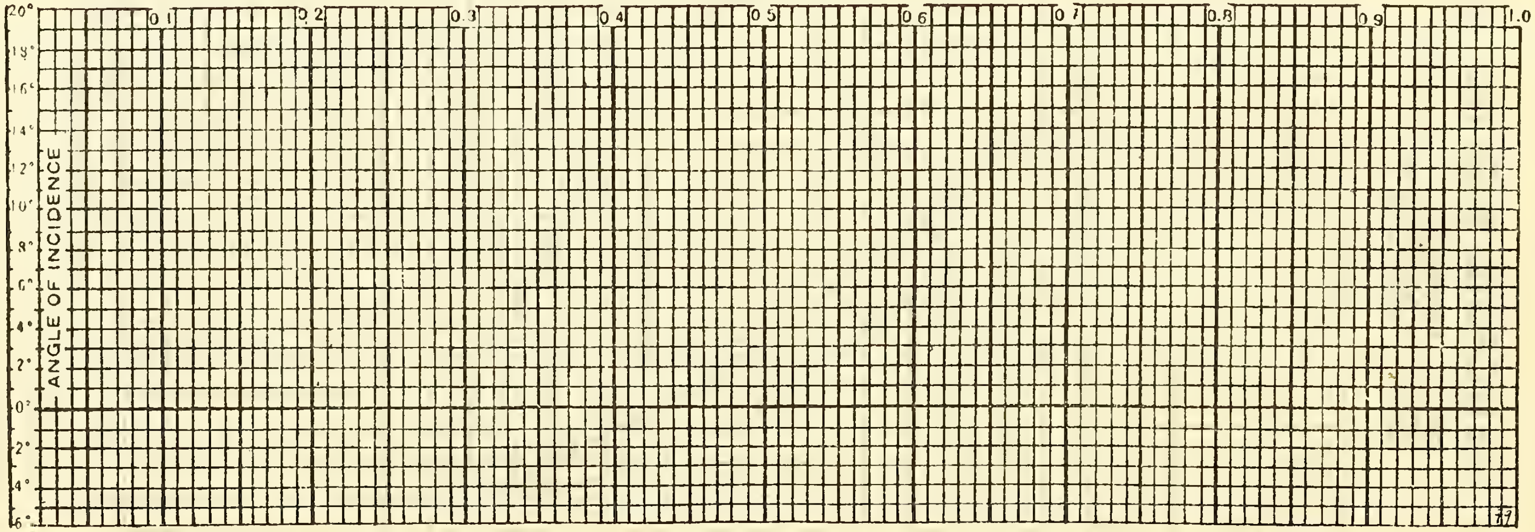
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 4Cα.



CURVE OF CENTER OF PRESSURE TRAVEL

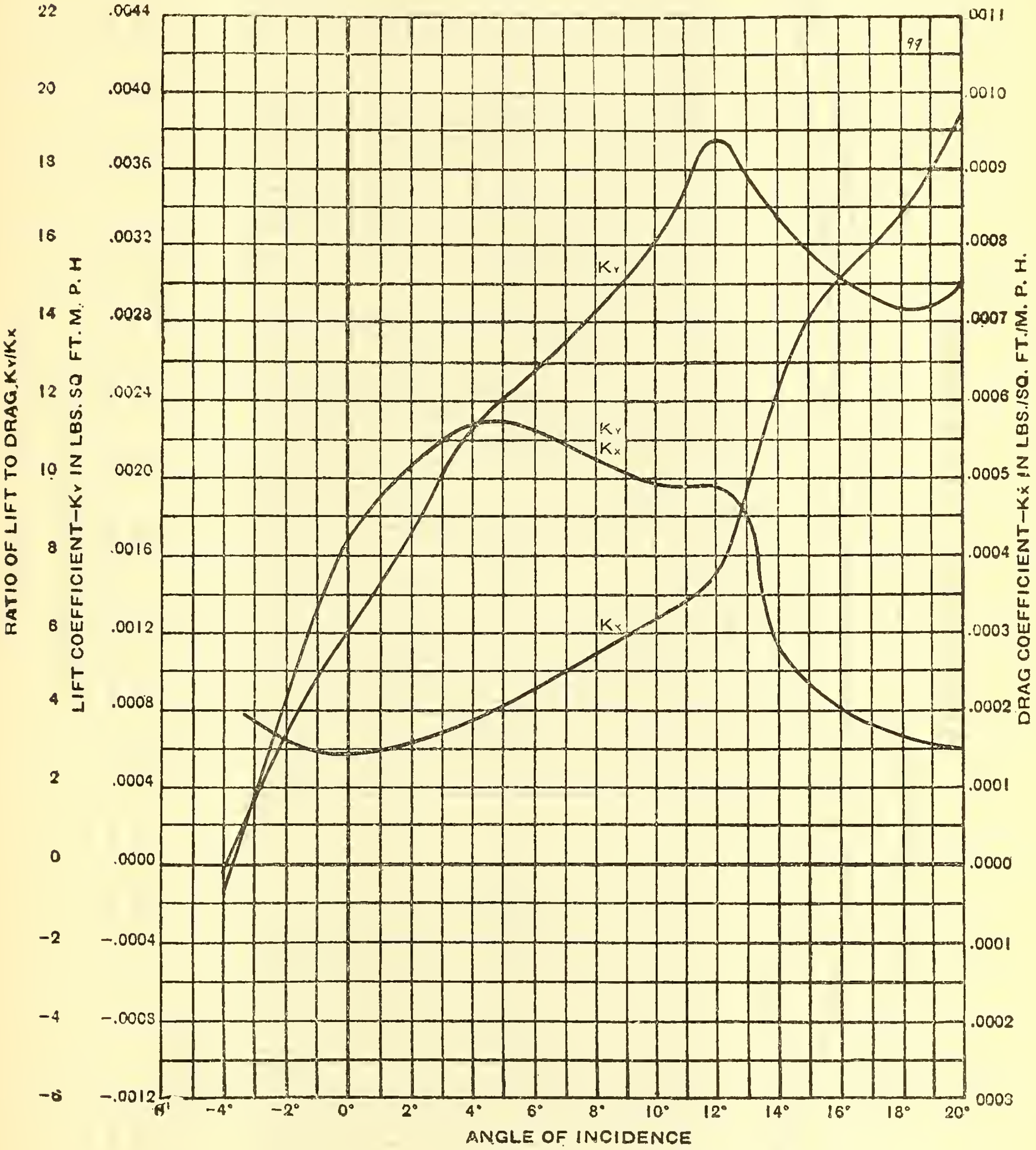


Distance from leading edge	0	.01	.025	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.015	.033	.046	.062	.075	.081	.097	.099	.097	.088	.078	.063	.045	.025	0
Lower camber	.015	.0075	.0025	.019	.027	.041	.058	.059	.058	.053	.047	.038	.027	.015	0

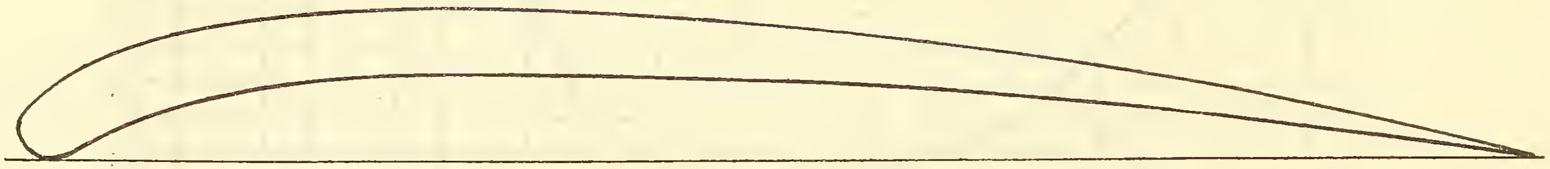
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 4Cα.

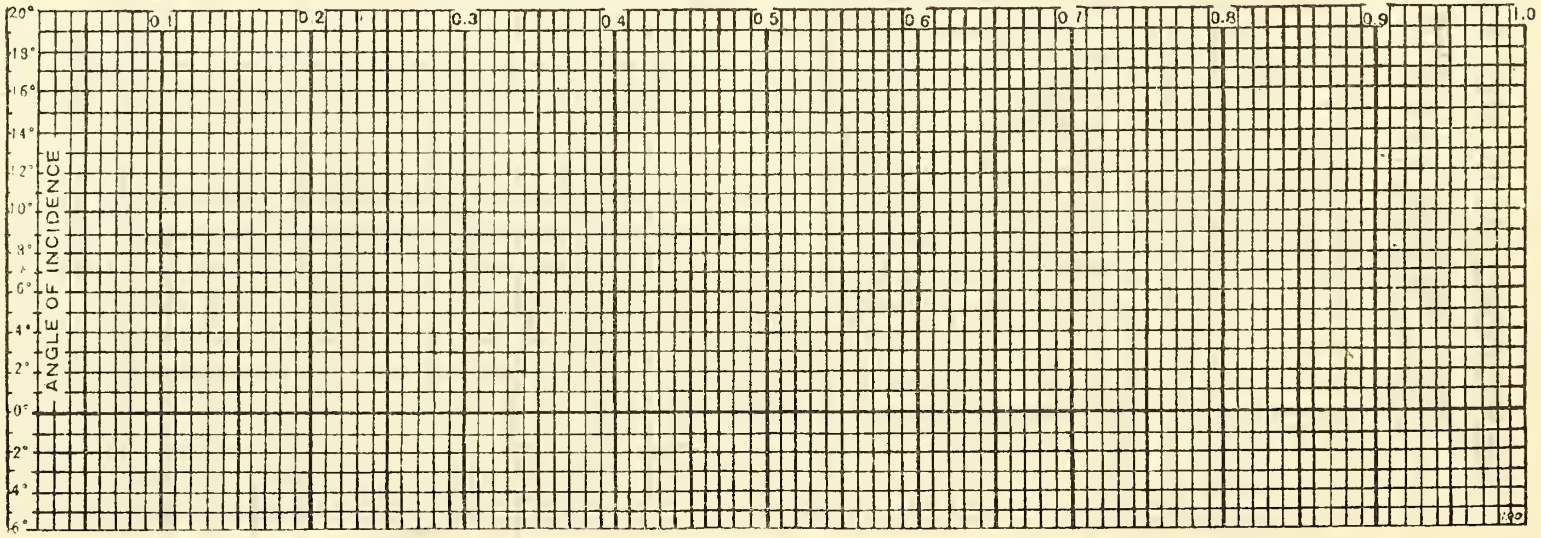
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 19.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 4Cβ.



CURVE OF CENTER OF PRESSURE TRAVEL

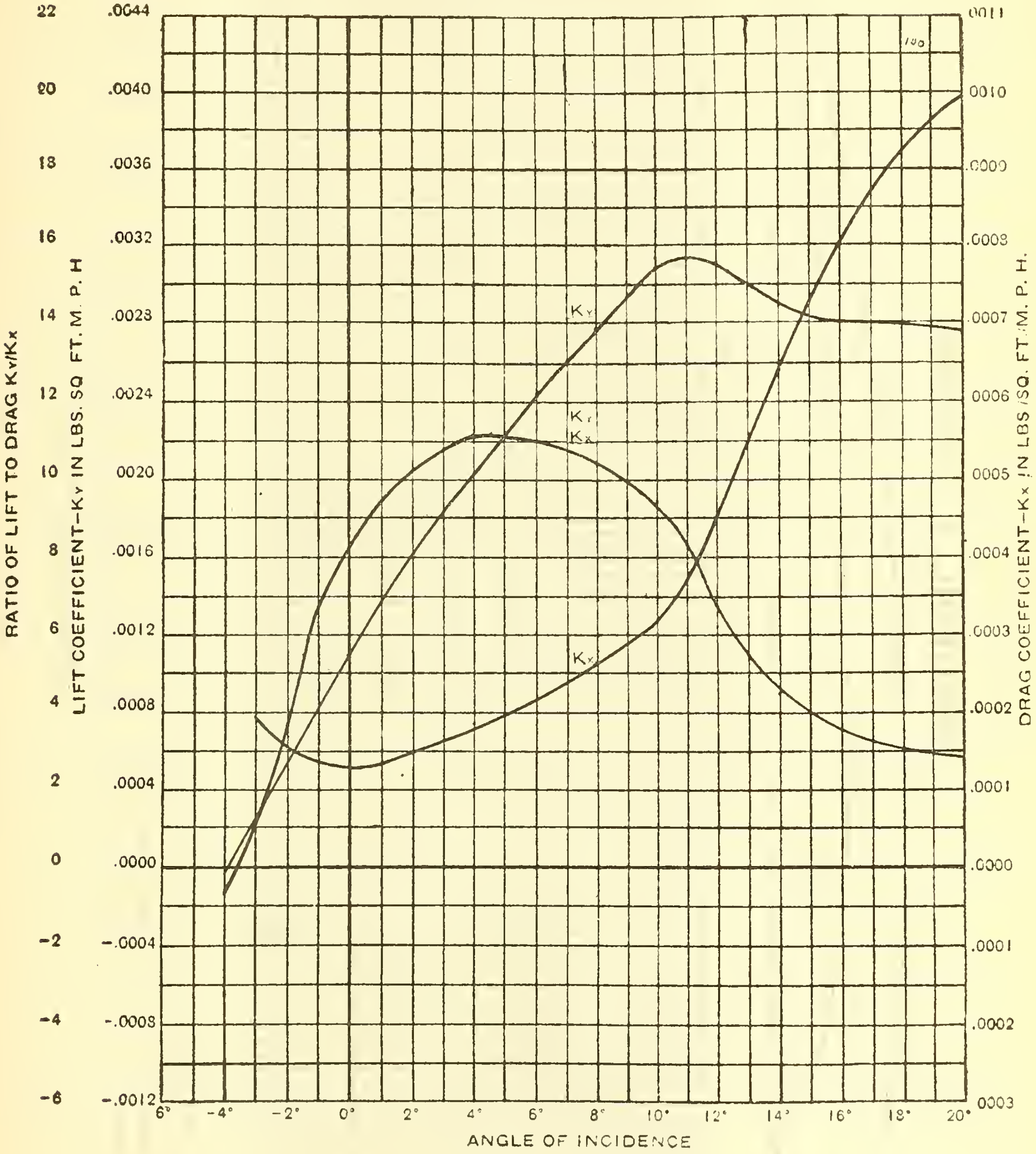


Distance from leading edge	0	.01	.025	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0239	.04	.0535	.0607	.077	.085	.097	.099	.097	.088	.078	.063	.045	.025	0
Lower camber	.0239	.006	0	.0012	.025	.036	.056	.059	.058	.053	.047	.038	.027	.015	0

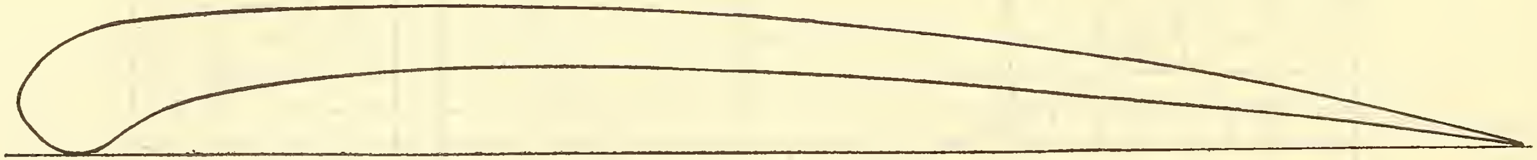
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 4Cβ.

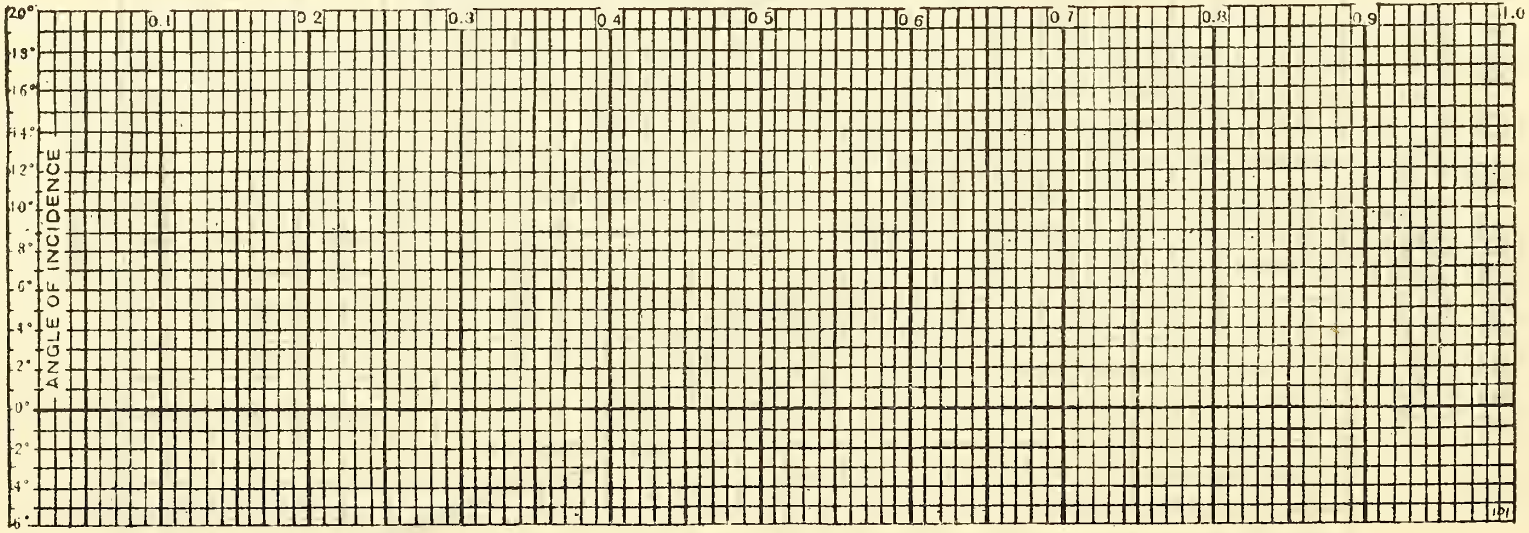
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 19.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, A. D. No. 4C7.



CURVE OF CENTER OF PRESSURE TRAVEL

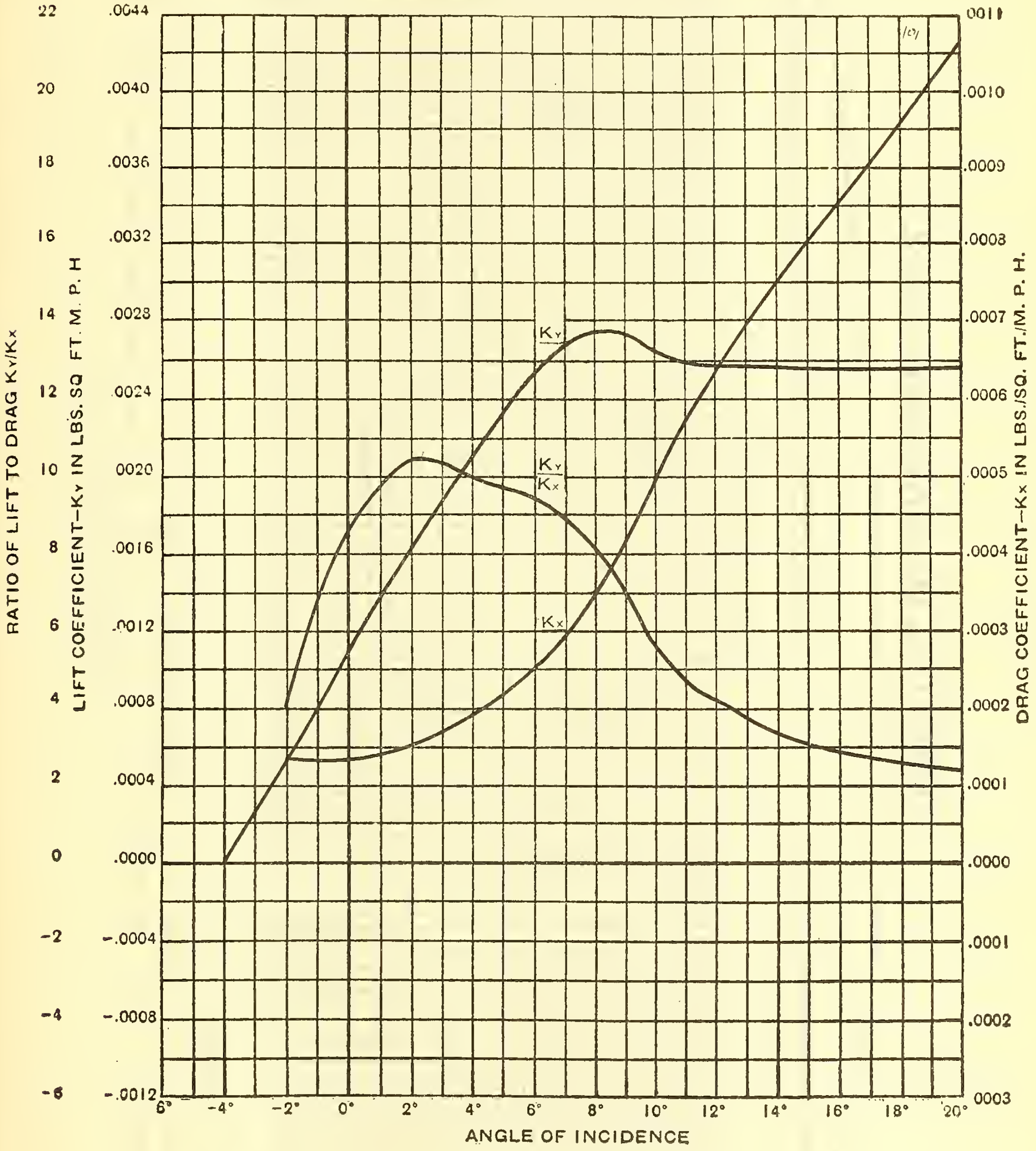


Distance from leading edge	0	.01	.025	.05	.08	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.039	.063	.075	.083	.09	.092	.098	.099	.097	.088	.078	.063	.045	.025	0
Lower camber	.039	.02	.0025	.0015	.015	.033	.0503	.059	.058	.053	.047	.038	.027	.015	0

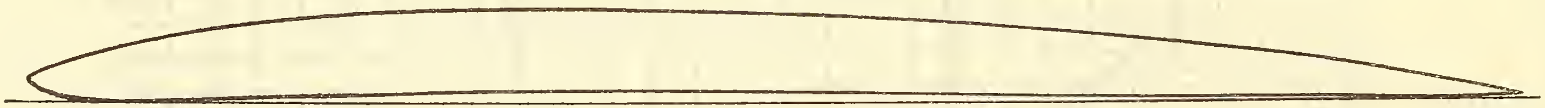
All dimensions given as decimal parts of chord.

AEROFOIL, A. D. No. 4cγ.

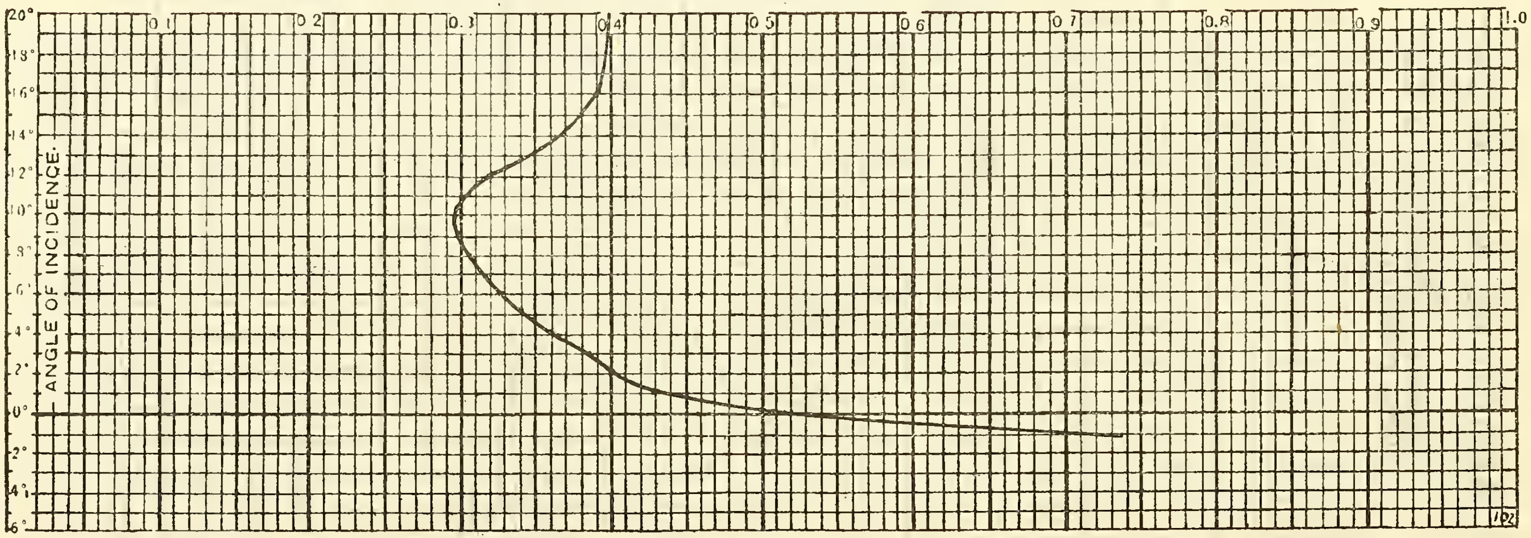
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 19.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, DE HAVILAND No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

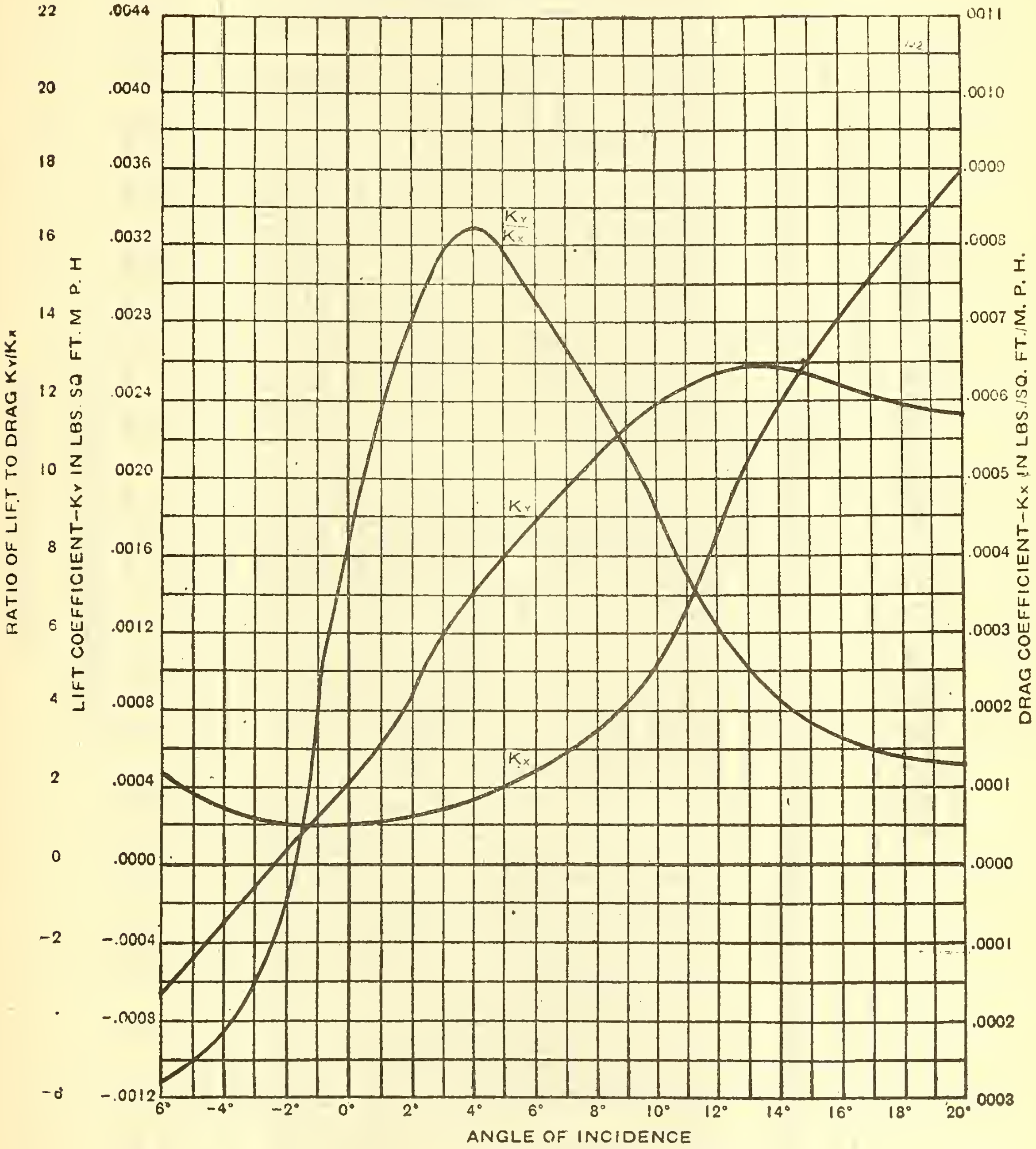


Distance from leading edge.......	0	.02	.05	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	.92	.95	.98	1.00
Upper camber....................	.0156	.0246	.036	.0490	.0544	.0570	.0602	.062	.0614	.0565	.0490	.0396	.024	.022	.016	.009	.0036
Lower camber....................	.0156	.008	.015	0	.010	.024	.0058	.006	.0062	.0052	.0048	.0030	.0016	.0015	0	.002	.0036

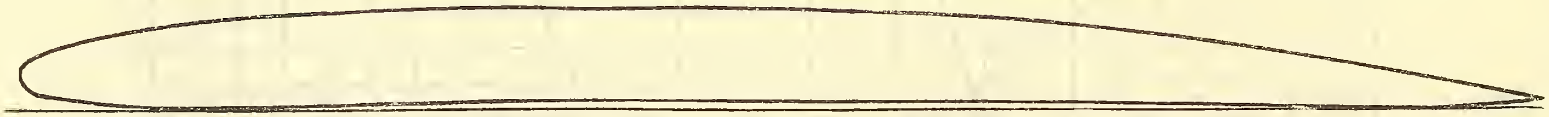
All dimensions given as decimal parts of chord.

AEROFOIL, DE HAVILAND No. 2.

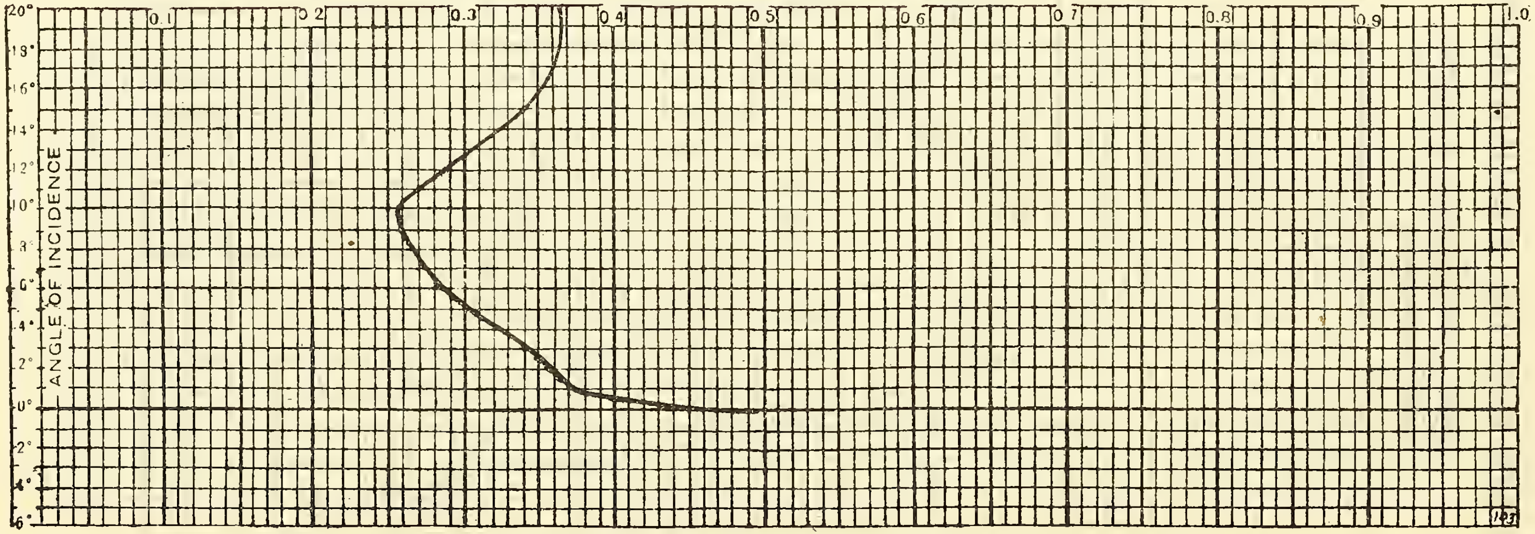
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, DE HAVILAND No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

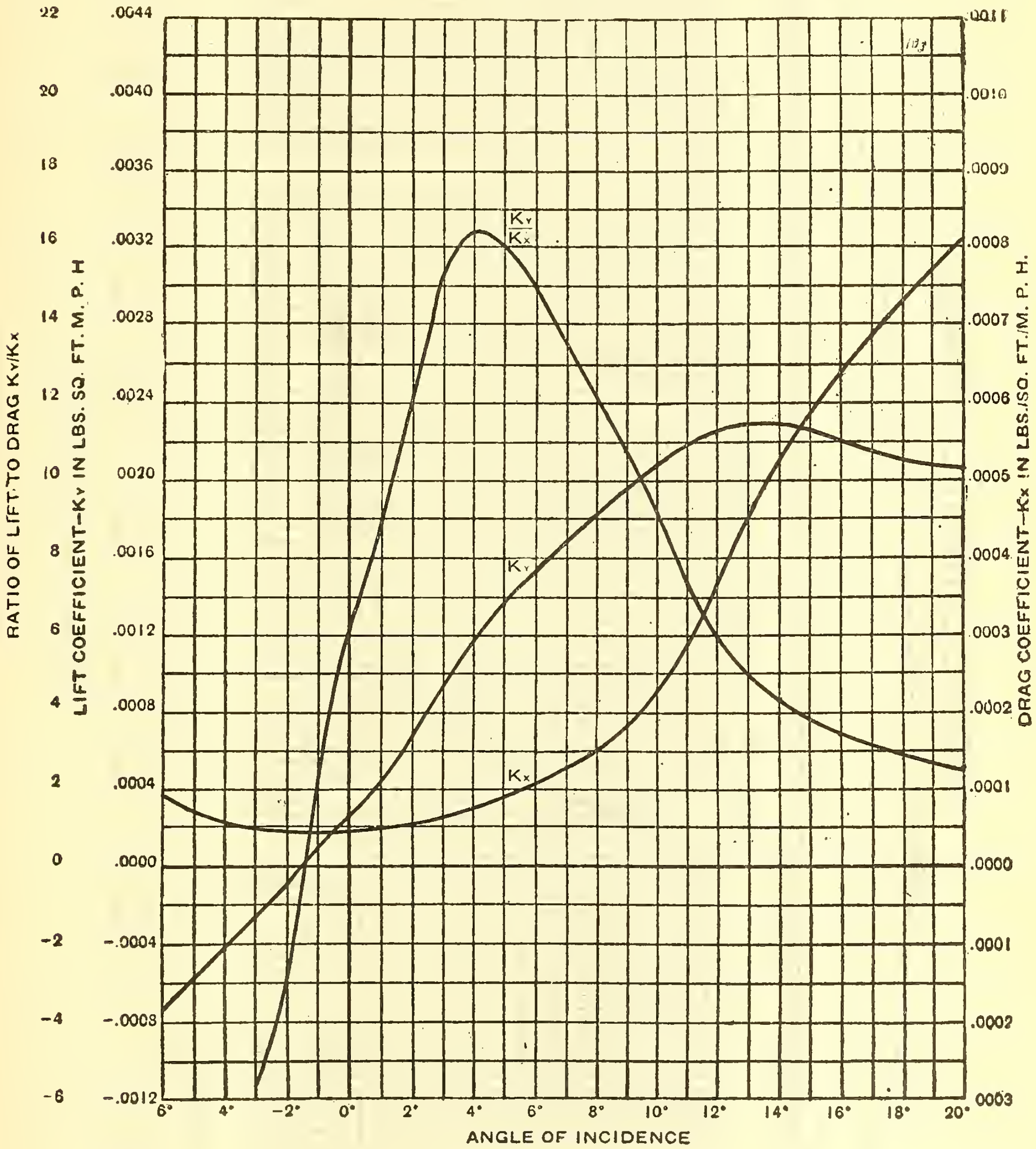


Distance from leading edge	0	.01	.02	.05	.08	.10	.15	.20	.30	.35	.40	.50	.60	.70	.80	.88	.90	.95	1.00
Upper camber	.023	.03	.032	.0467	.052	.0563	.0610	.0635	.0653	.0657	.0657	.0647	.0603	.0535	.0420	.0297	.0273	.0193	.007
Lower camber	.023	.017	.012	.005	....	.001	0	.0007	.0038	.005	.0057	.0057	.005	.0035	.0017	0	0	.001	.007

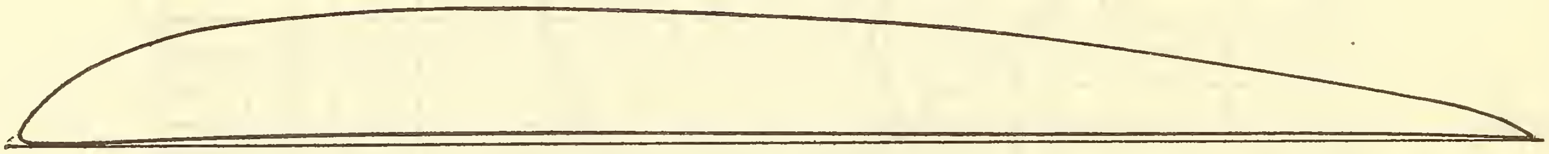
All dimensions given as decimal parts of chord.

AEROFOIL, DE HAVILAND No. 3.

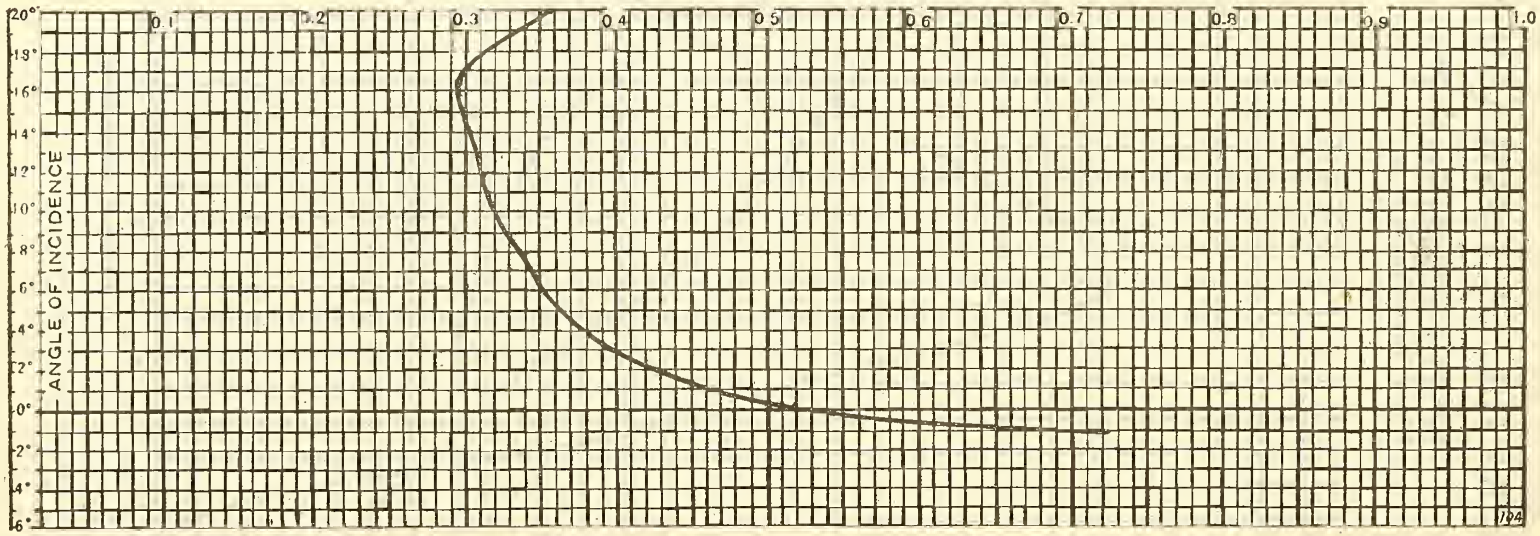
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, HANDLEY-PAGE.



CURVE OF CENTER OF PRESSURE TRAVEL

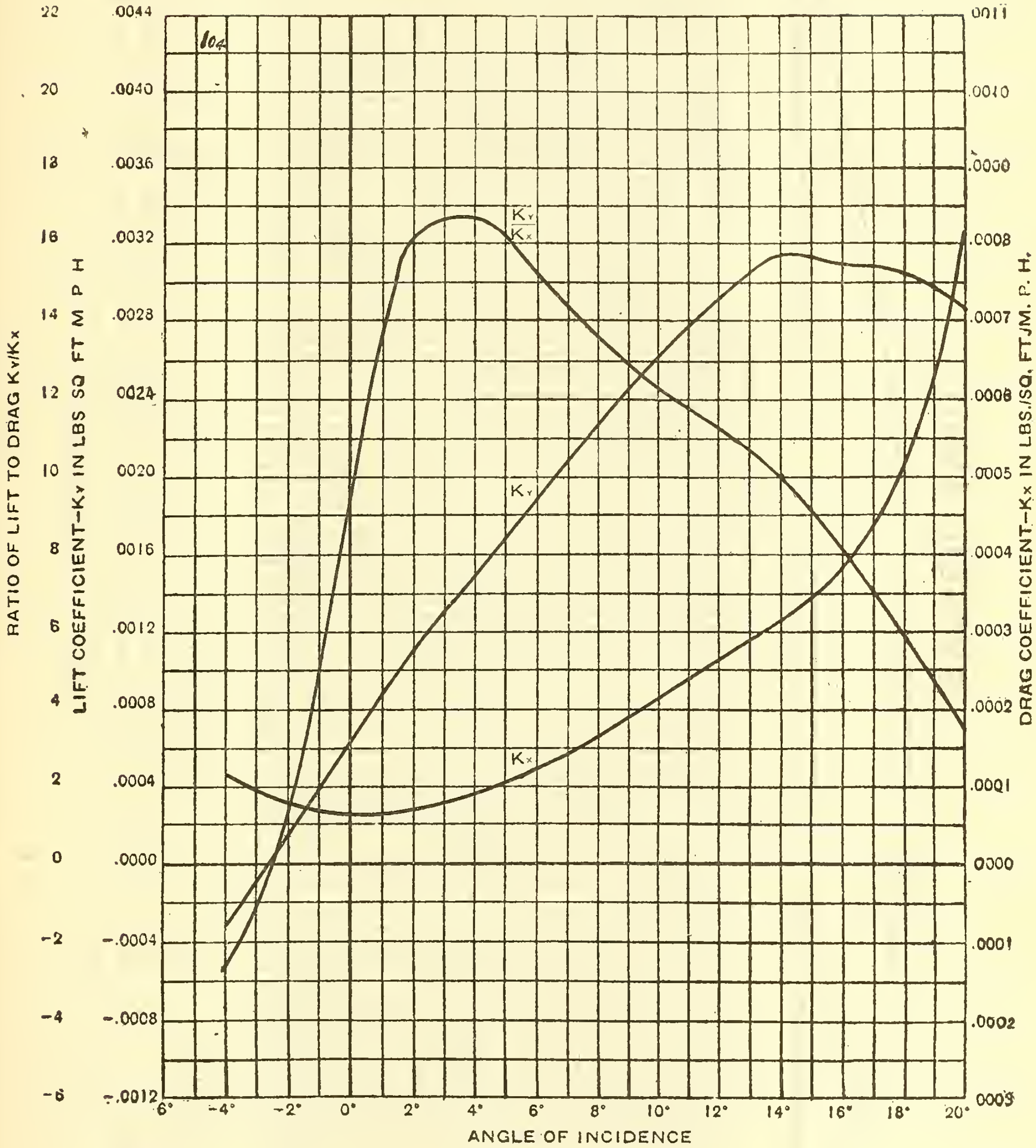


Distance from leading edge	0	.007	.013	.032	.047	.056	.080	.117	.158	.167	.192	.240	.245	.300	.390	.400	.475	.603	.769	.875	.960	.994	.999	1.00
Upper camber	.007	.020	.027	.04		.053		.073	.08		.083	.087		.088		.087	.083	.073	.053		.020	.007		0
Lower camber		.0033			.0037		.0043			.0067			.0083		.0097					.0017			0	

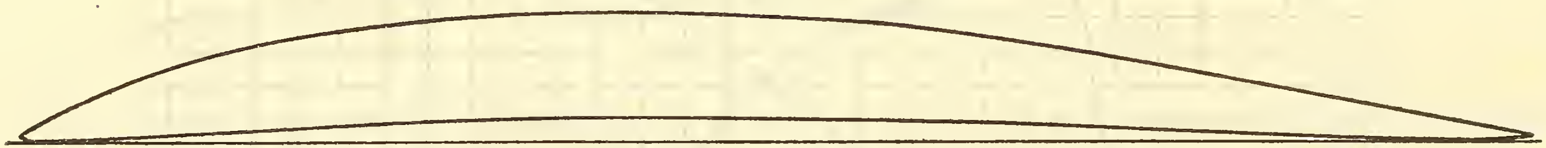
All dimensions given as decimal parts of chord.

AEROFOIL, HANDLEY-PAGE.

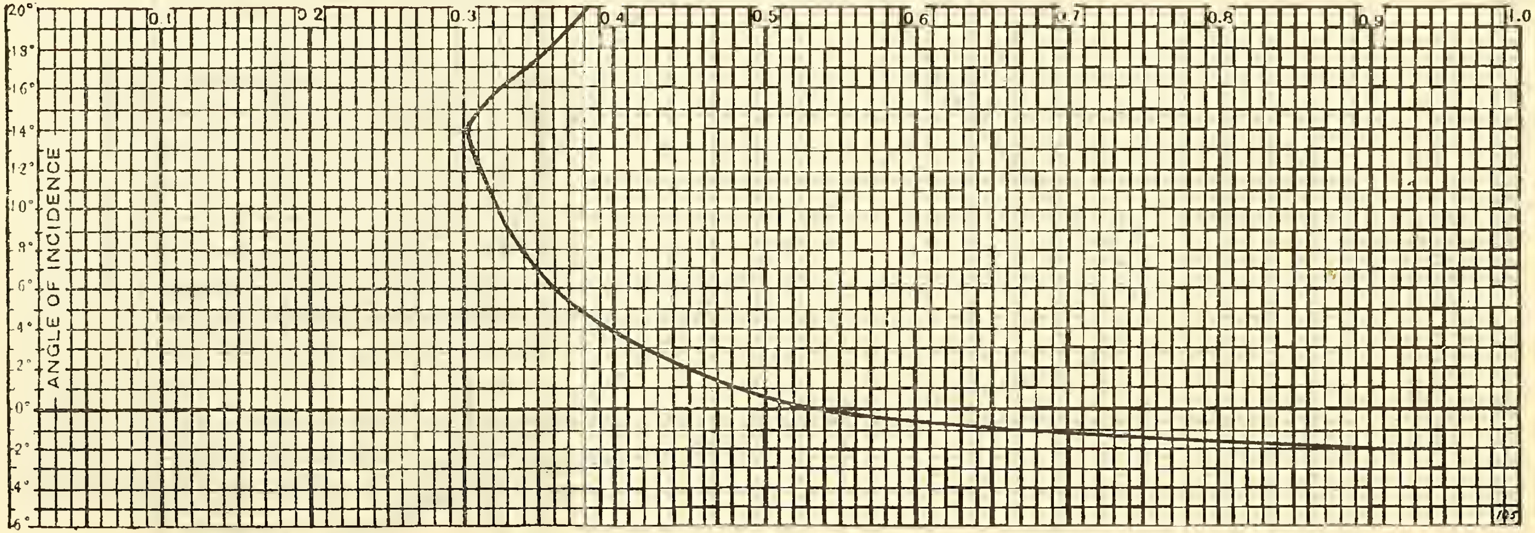
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, AVRO.



CURVE OF CENTER OF PRESSURE TRAVEL

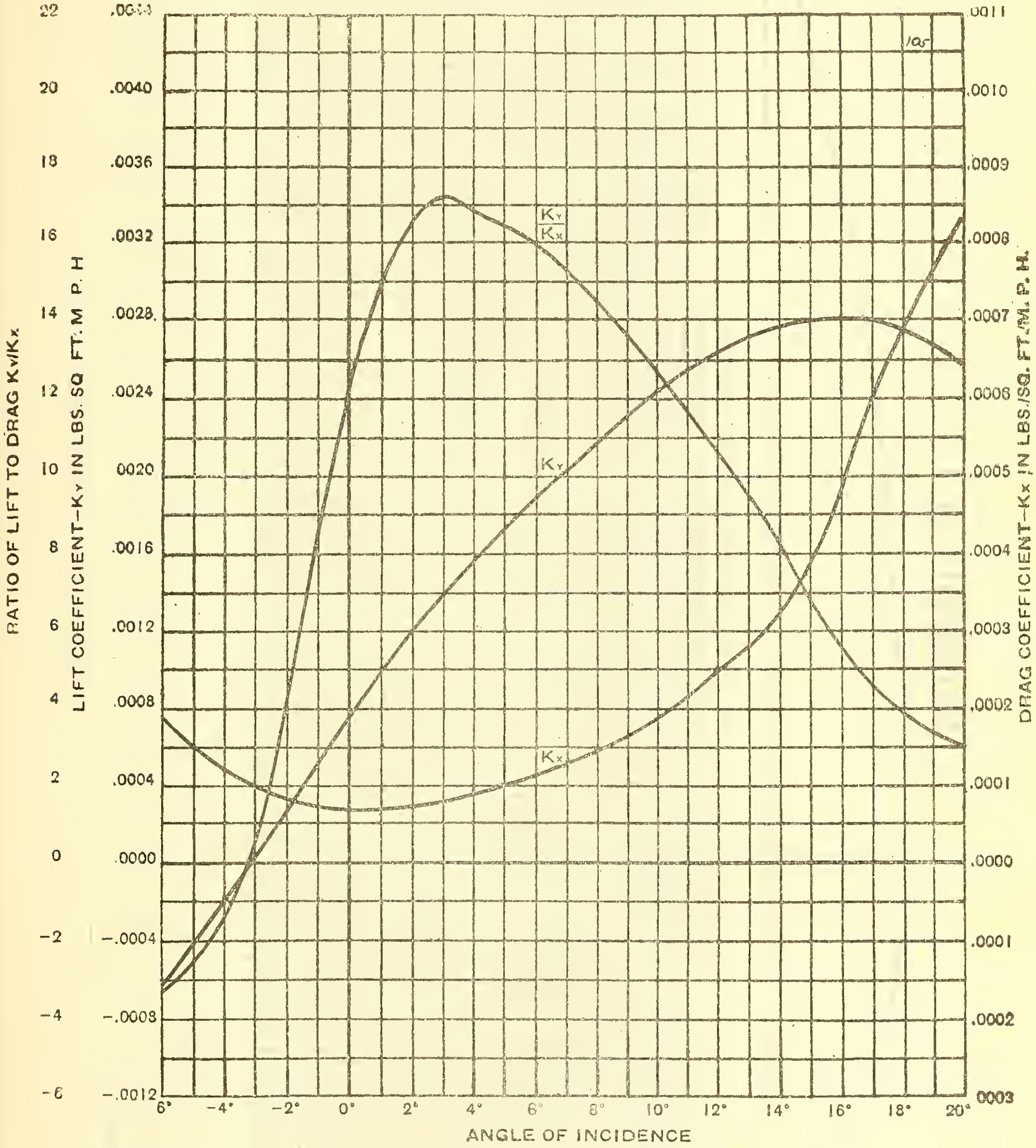


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.20	.30	.38	.40	.50	.60	.70	.80	.90	.96	1.00
Upper camber	.003	.0113	.0173	.0224	.0287	.0366	.0450	.0588	.0692	.0750	.0830	.0848	.0843	.0805	.0720	.0575	.040	.0223	.0110	.002
Lower camber	.003	0	.0003	....	.001	.002	.003	.006	.009	.0125	.0178	.0193	.0193	.0176	.0140	.0104	.066	.003	0	.002

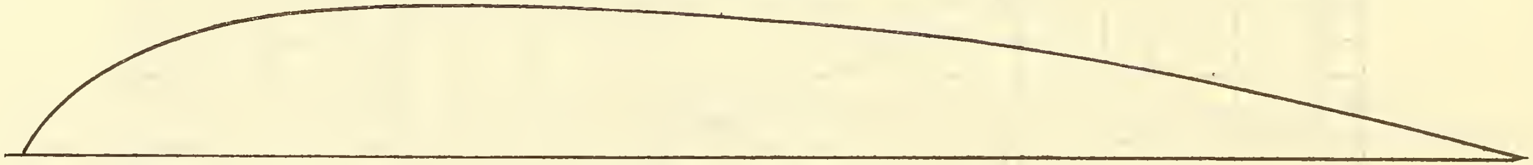
All dimensions given as decimal parts of chord.

AEROFOIL, AVRO.

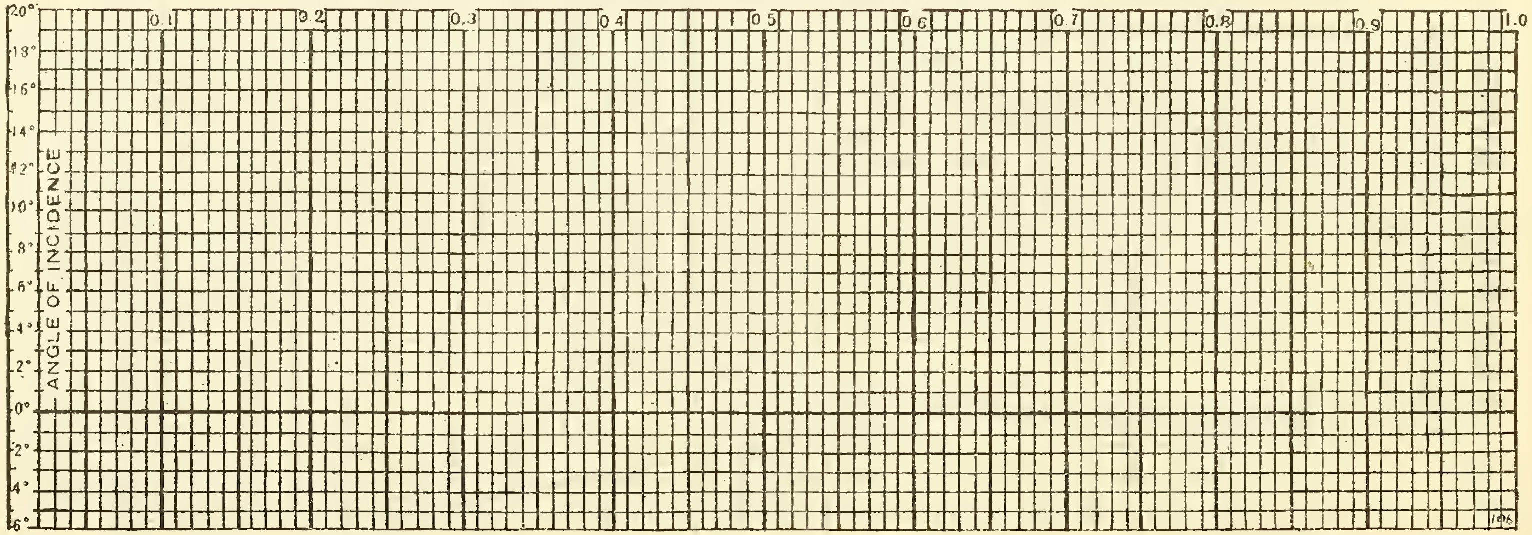
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, B. I. R. 1–A.



CURVE OF CENTER OF PRESSURE TRAVEL

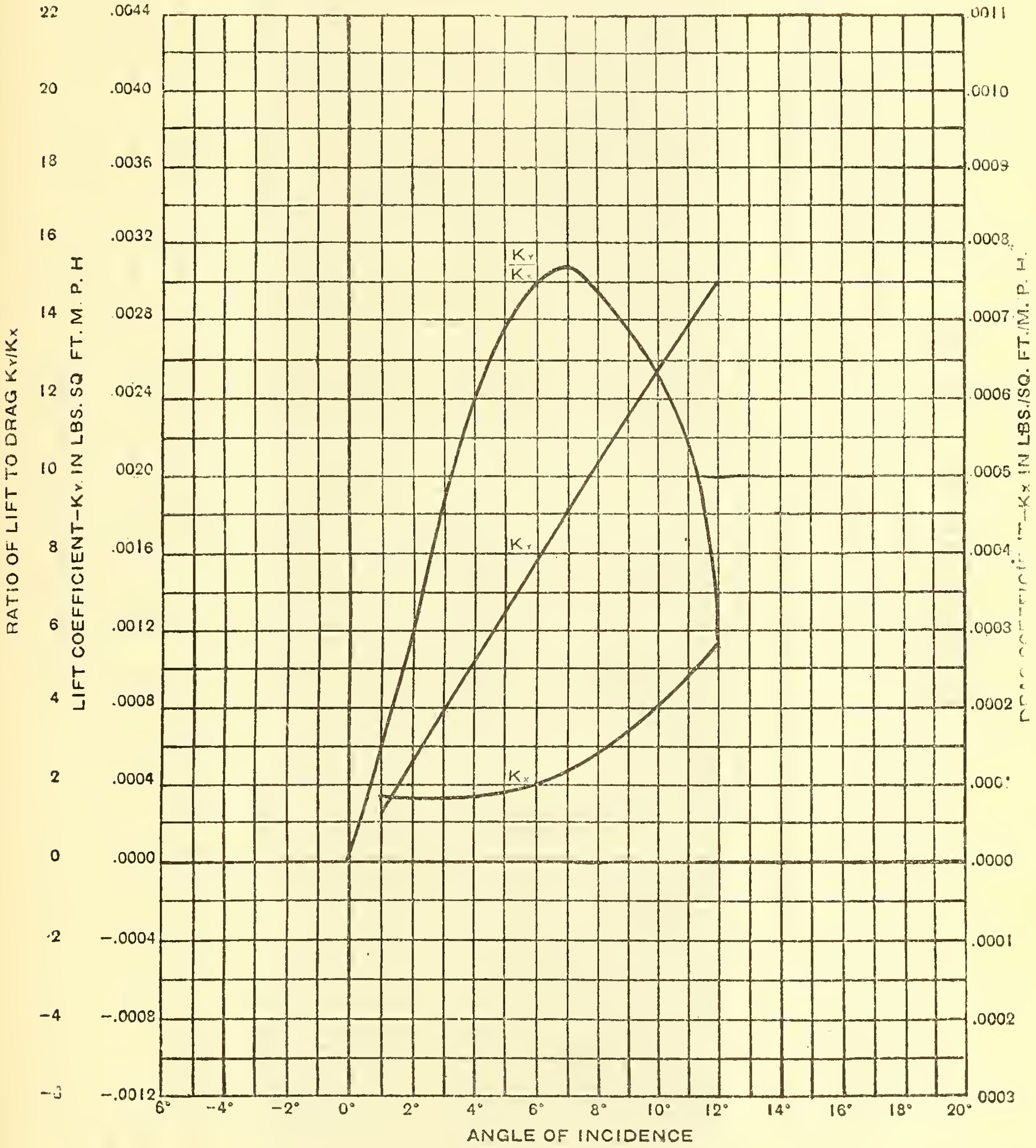


Distance from leading edge	0	.01	.02	.05	.08	.10	.1137	.2275	.332	.34	.4345	.528	.6225	.717	.8111	.9056	1.0
Upper camber	0	.02	.03	.051	.067	.078	.08	.097	.1	.099	.097	.088	.078	.063	.045	.025	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

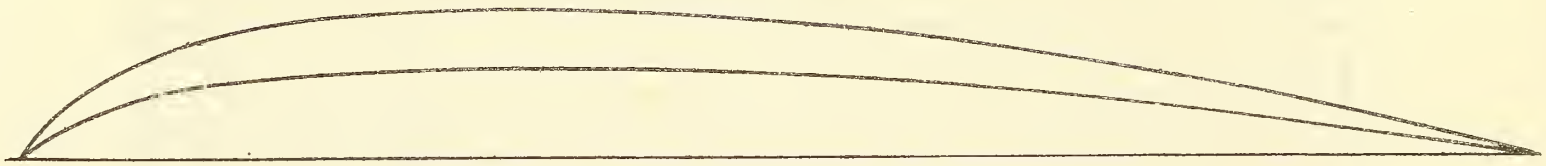
All dimensions given as decimal parts of chord.

AEROFOIL, B. I. R. 1-A.

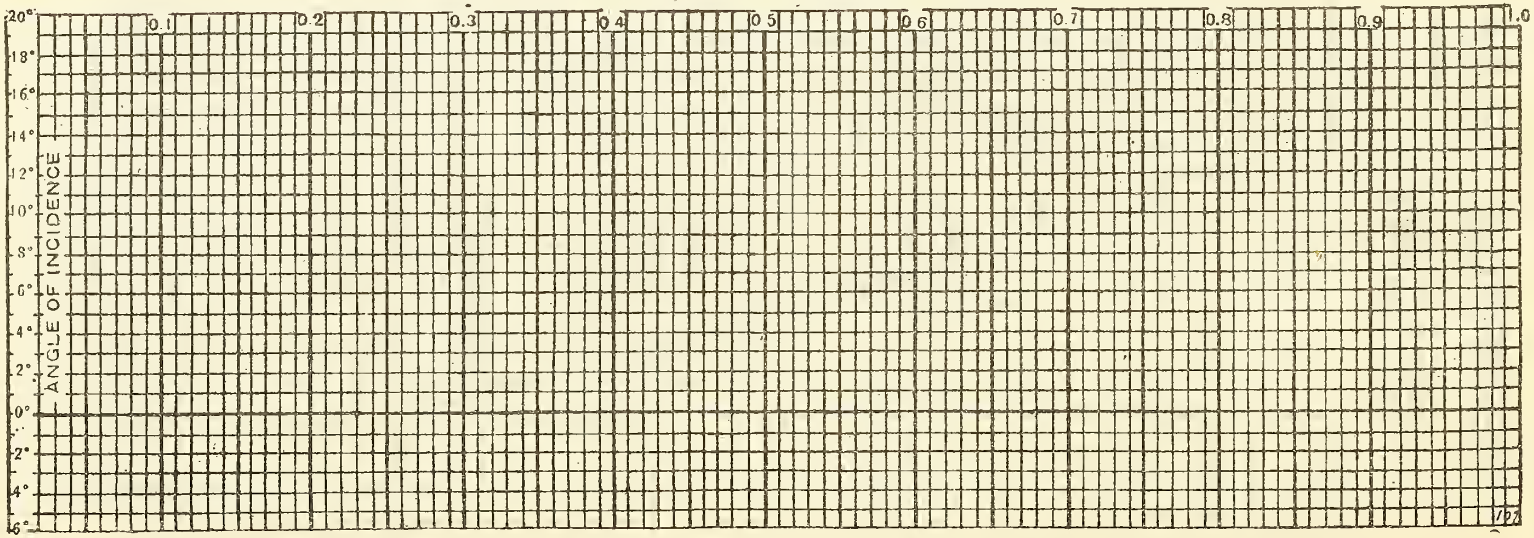
SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, B. I. R. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

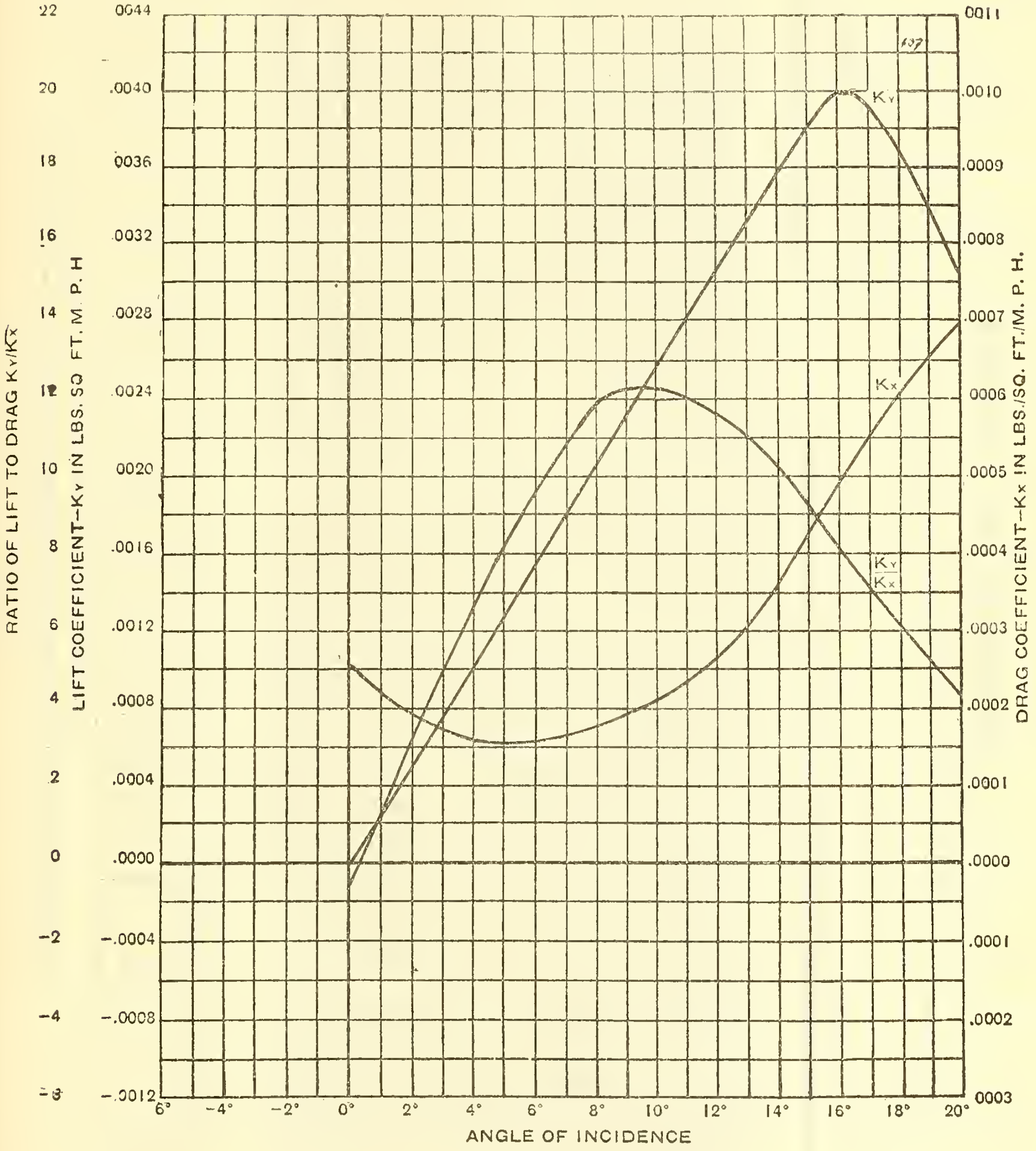


Distance from leading edge.......	0	.01	.02	.025	.05	.08	.10	.1137	.2275	.332	.34	.4345	.528	.6225	.717	.8111	.9056	1.00
Upper camber....................	0	.02	.03	.034	.052	.069	.079	.08	.097	.10	.099	.097	.088	.075	.063	.045	.025	0
Lower camber....................	0	.01	.019	.023	.033	.04	.045	.048	.0582	.06	.0594	.0582	.0528	.045	.0376	.027	.015	0

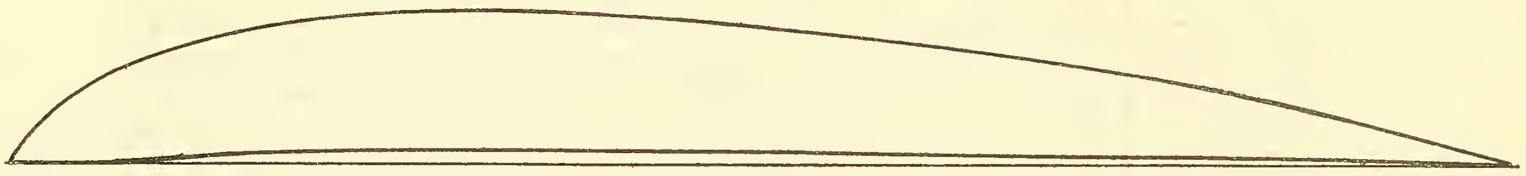
All dimensions given as decimal parts of chord.

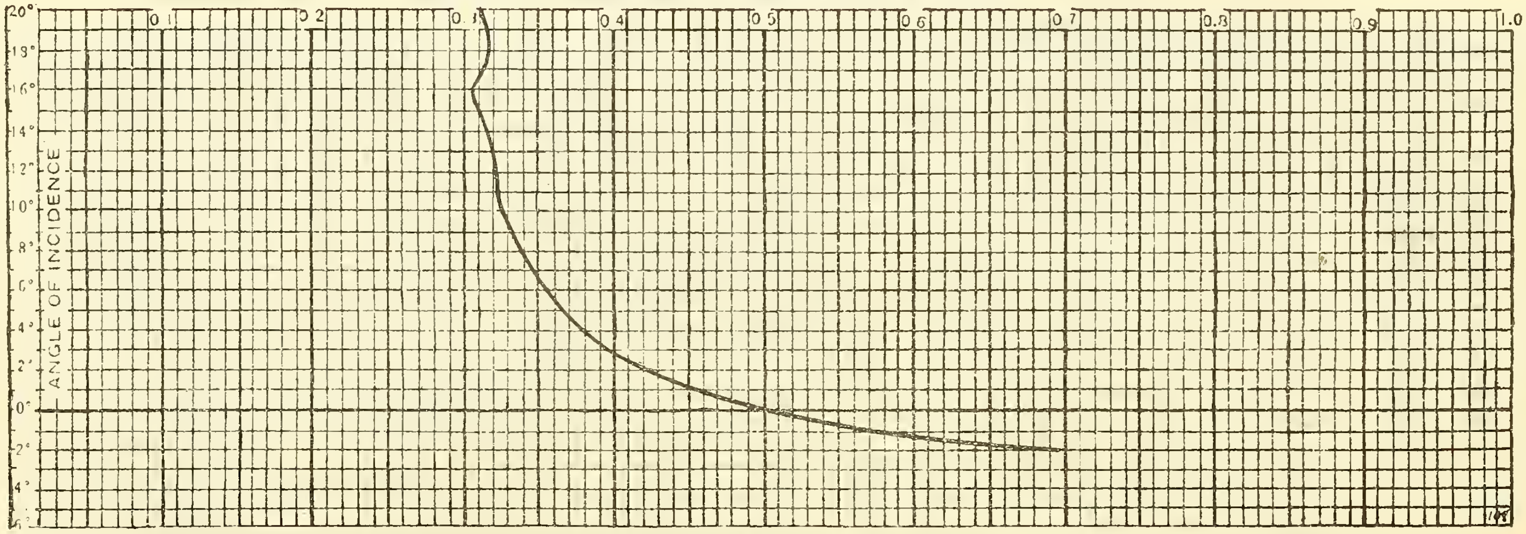
AEROFOIL, B. I. R. 3.

SIZE OF MODEL, 15 BY 2.5 INCHES.
VELOCITY OF WIND, 20 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, B. I. R. 33-A.





CURVE OF CENTER OF PRESSURE TRAVEL

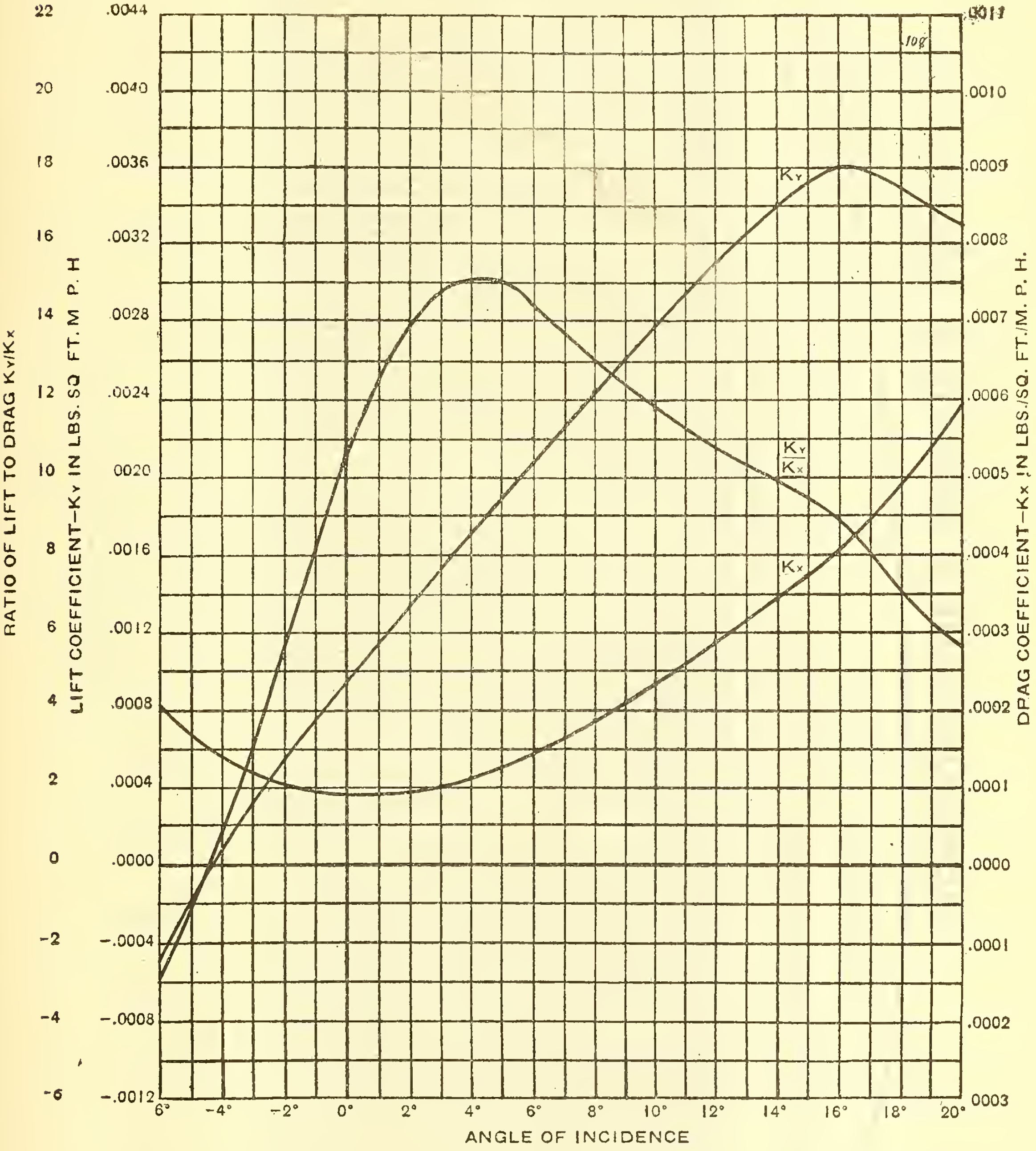
Distance from leading edge	0	.0045	.01	.02	.05	.08	.10	.116	.159	.20	.33	.504	.60	.67	.73	.785	.8375	.885	.9285	.968	1.0
Upper camber	0	.01	.02	.031	.055	.0685	.077	.08	.09	.094	.10	.09	.08	.07	.06	.05	.04	.03	.02	.01	0
Lower camber	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.008	.009	......	.01	.009	.008	.007	.006	.005	.004	.003	.002	.001	0

All dimensions given as decimal parts of chord.

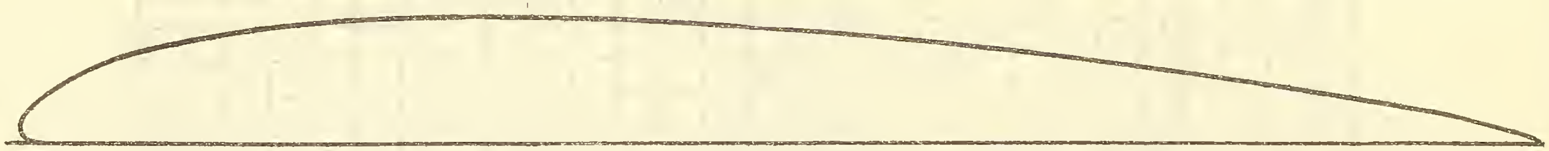
* The under surface has camber equal to 10 per cent of top camber, faired into Phillips entry from .07 to leading edge.

AEROFOIL, B. I. R. 33-A.

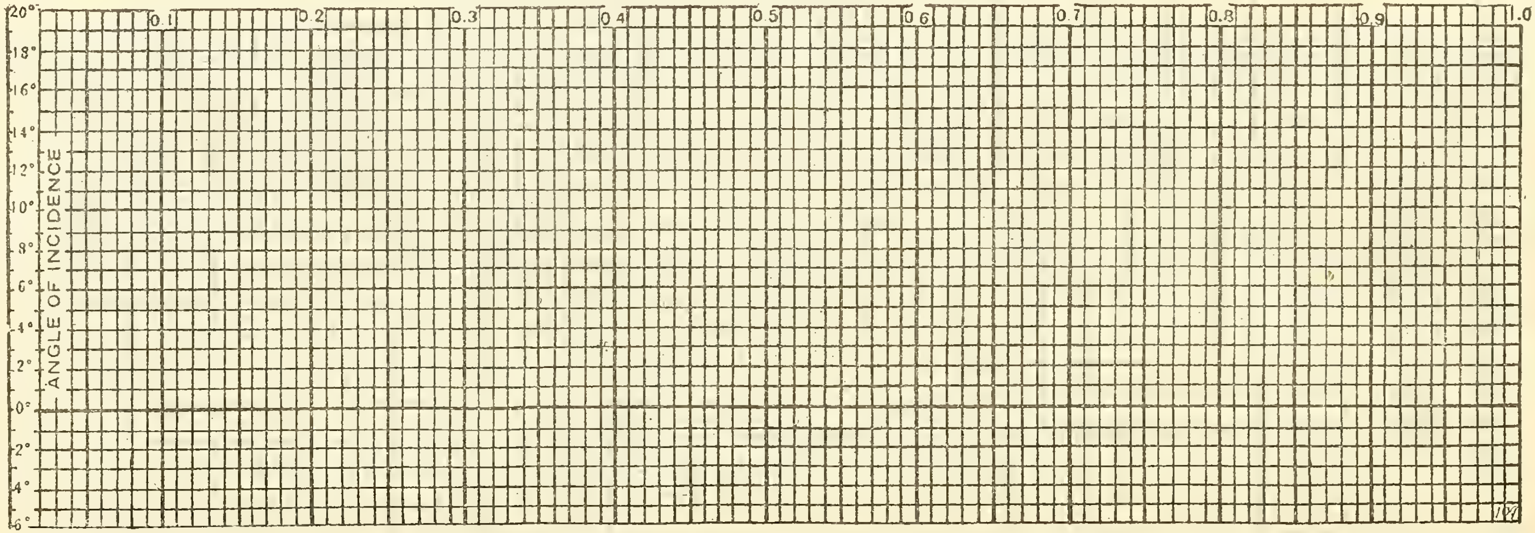
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

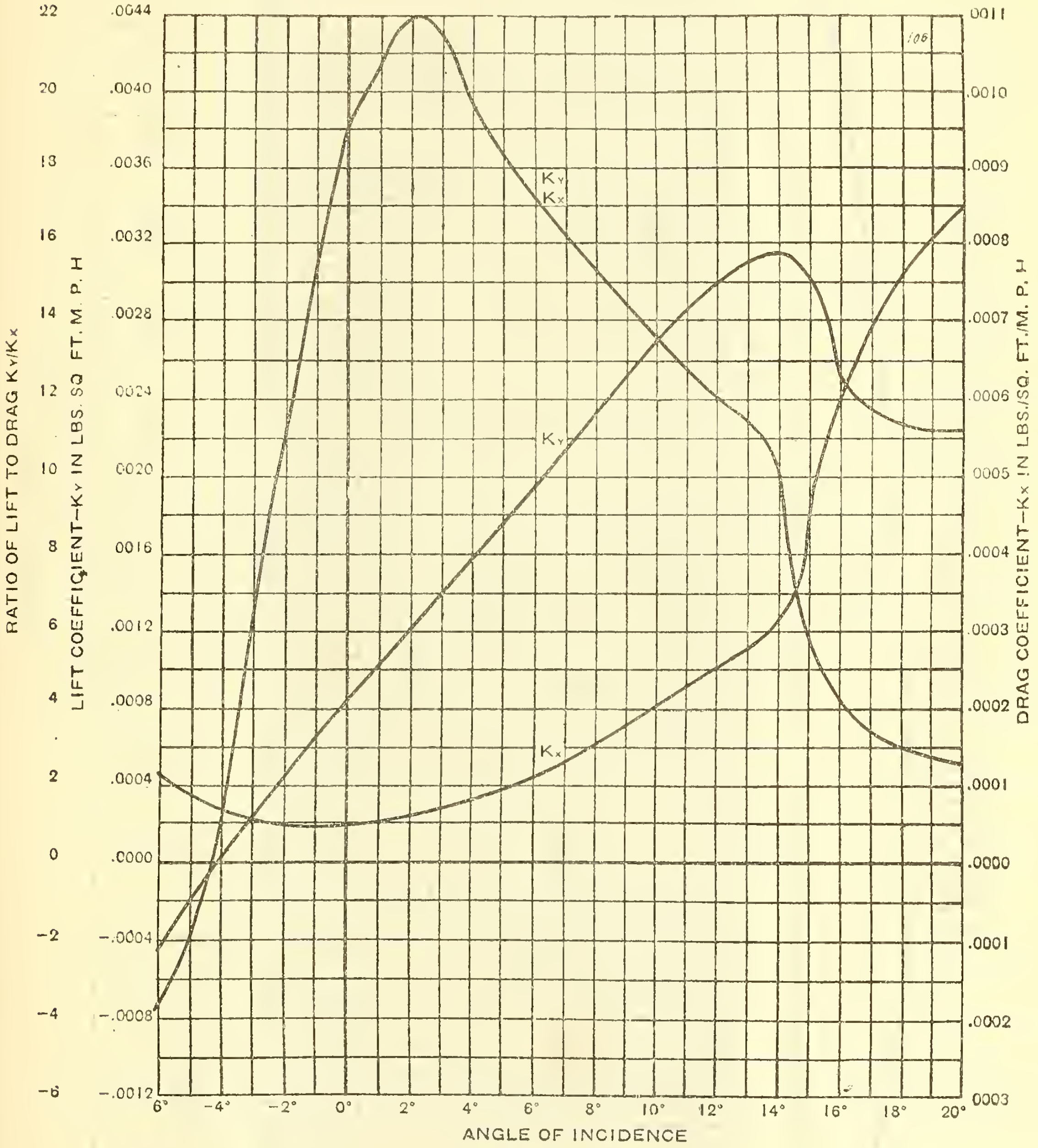


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0510	.0651	.0775	.0817	.0806	.0761	.0694	.0593	.0451	.0273	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0

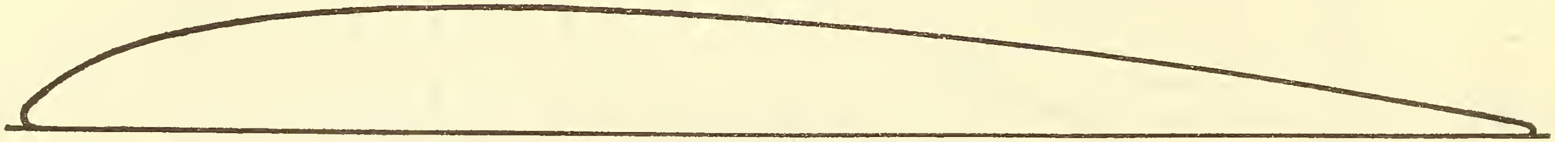
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A. C. No. 1.

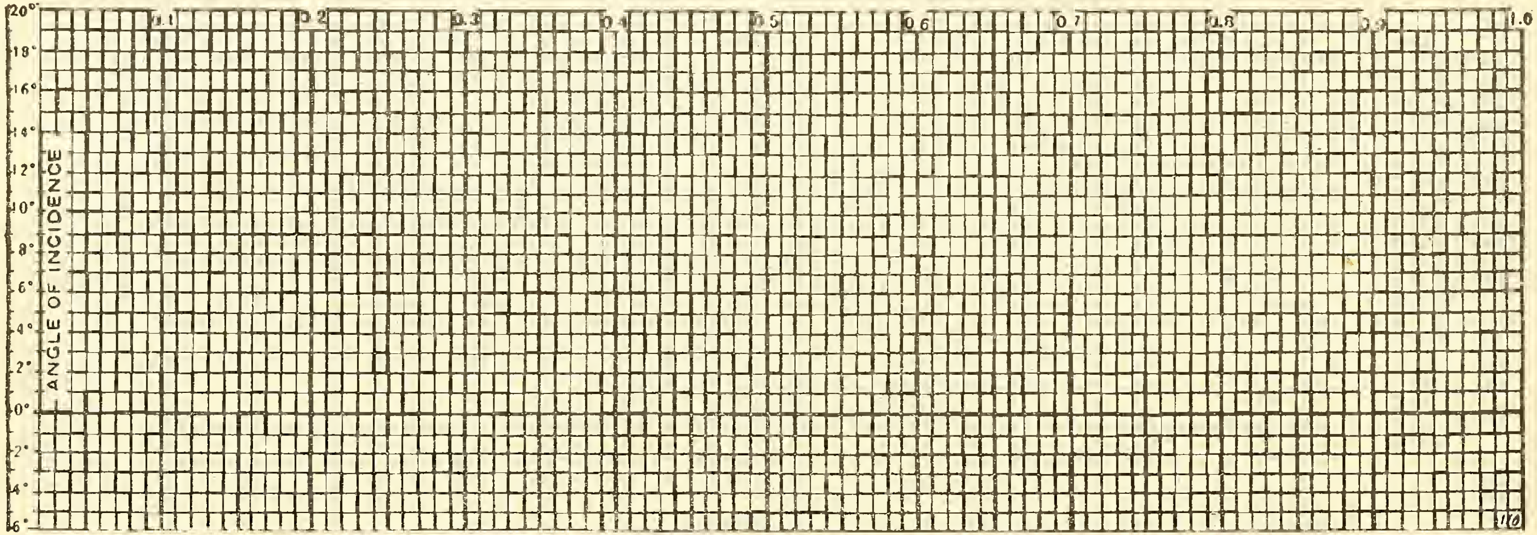
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

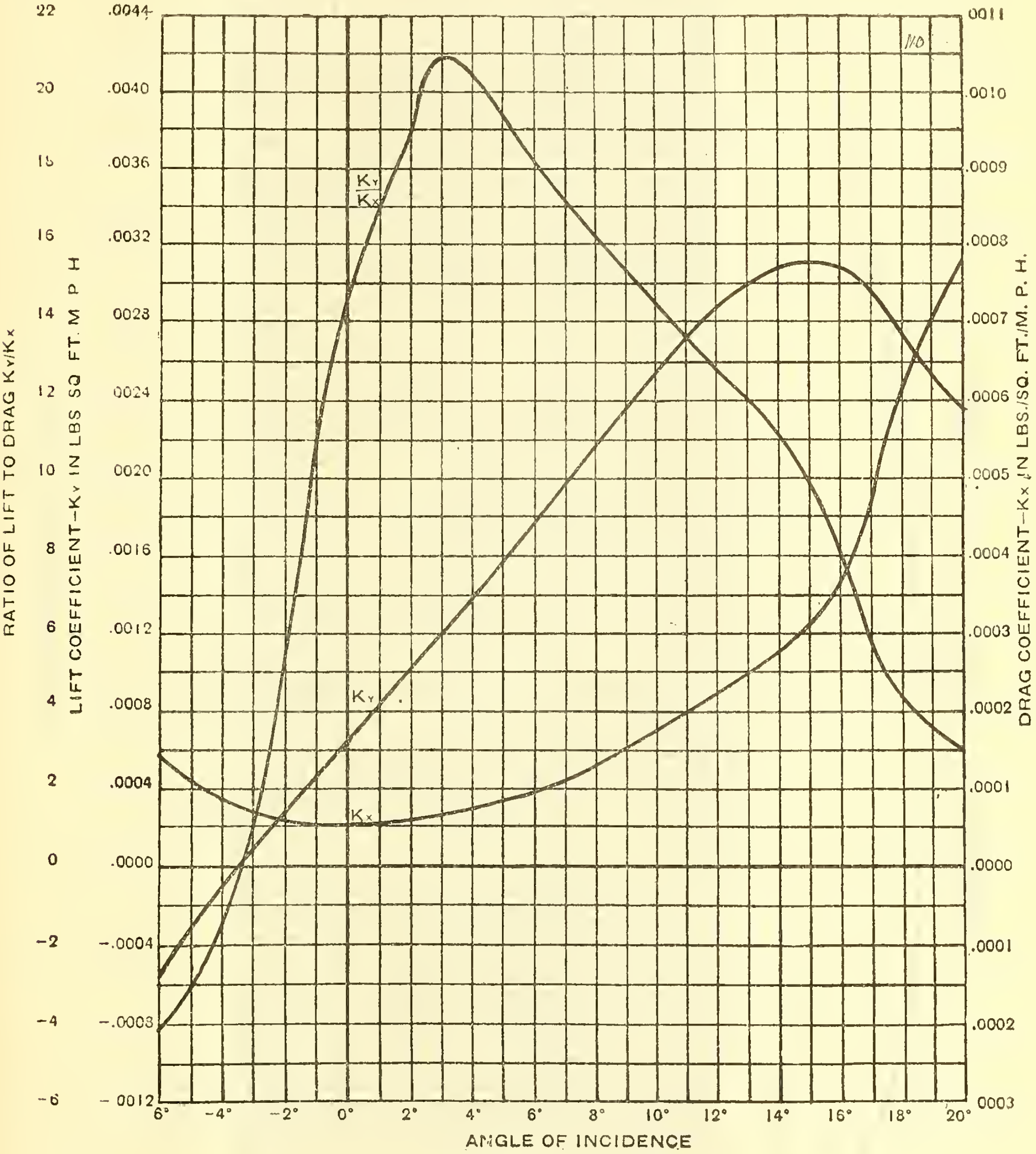


Distance from leading edge...............	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber..........................	0	.0465	.0625	.0785	.0816	.0790	.0711	.0631	.0531	.0410	.0265	0
Lower camber..........................	0	0	0	0	0	0	0	0	0	0	0	0

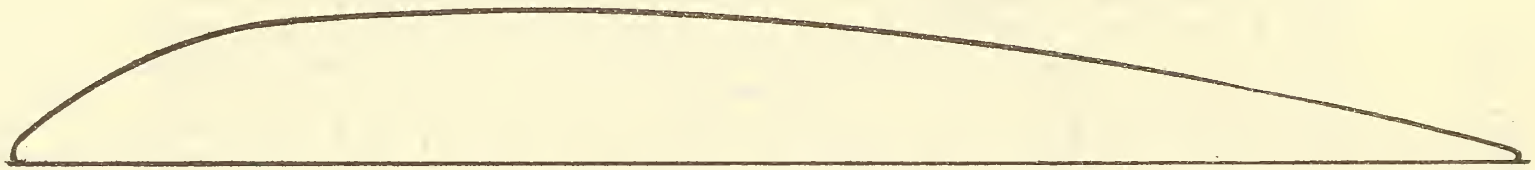
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A. C. No. 2.

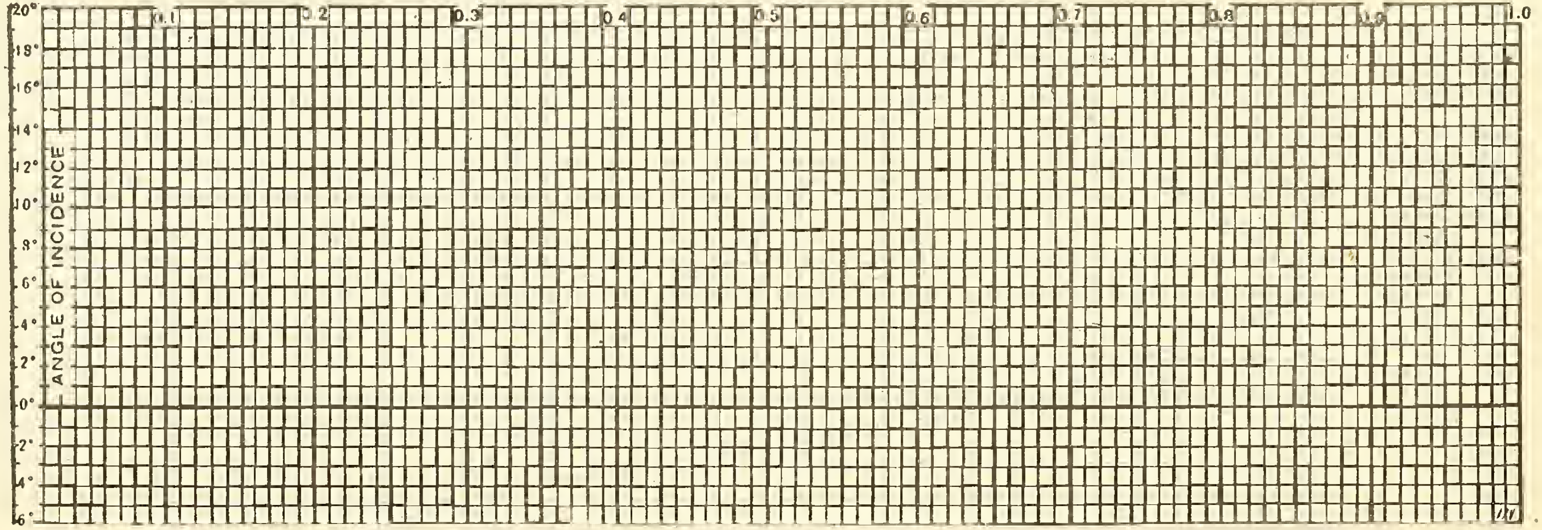
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

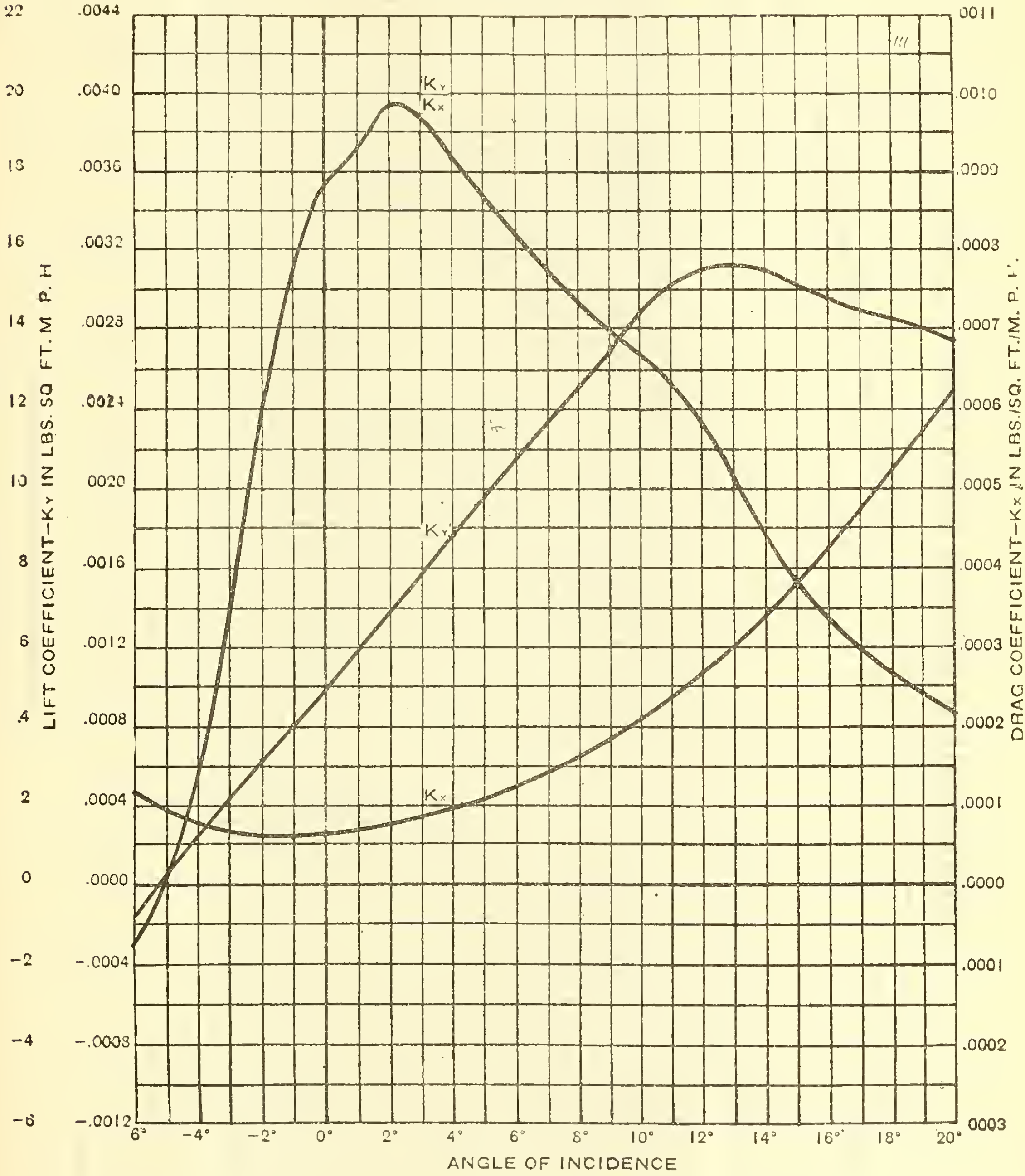


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0528	.0758	.0976	.1014	.0985	.0925	.0835	.0705	.0533	.0325	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0

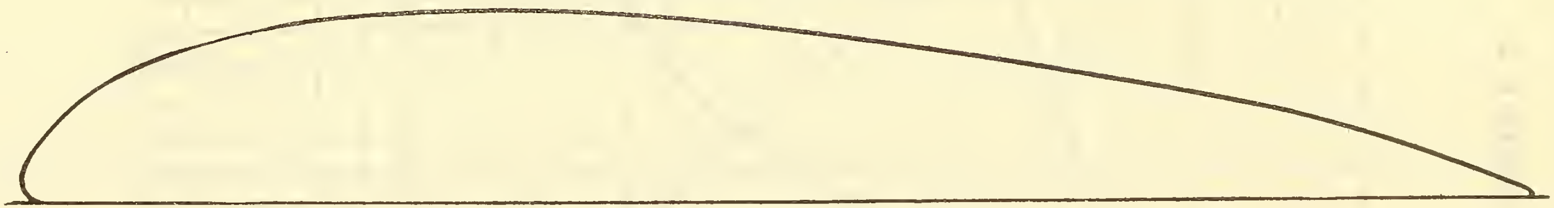
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A. C. No. 3.

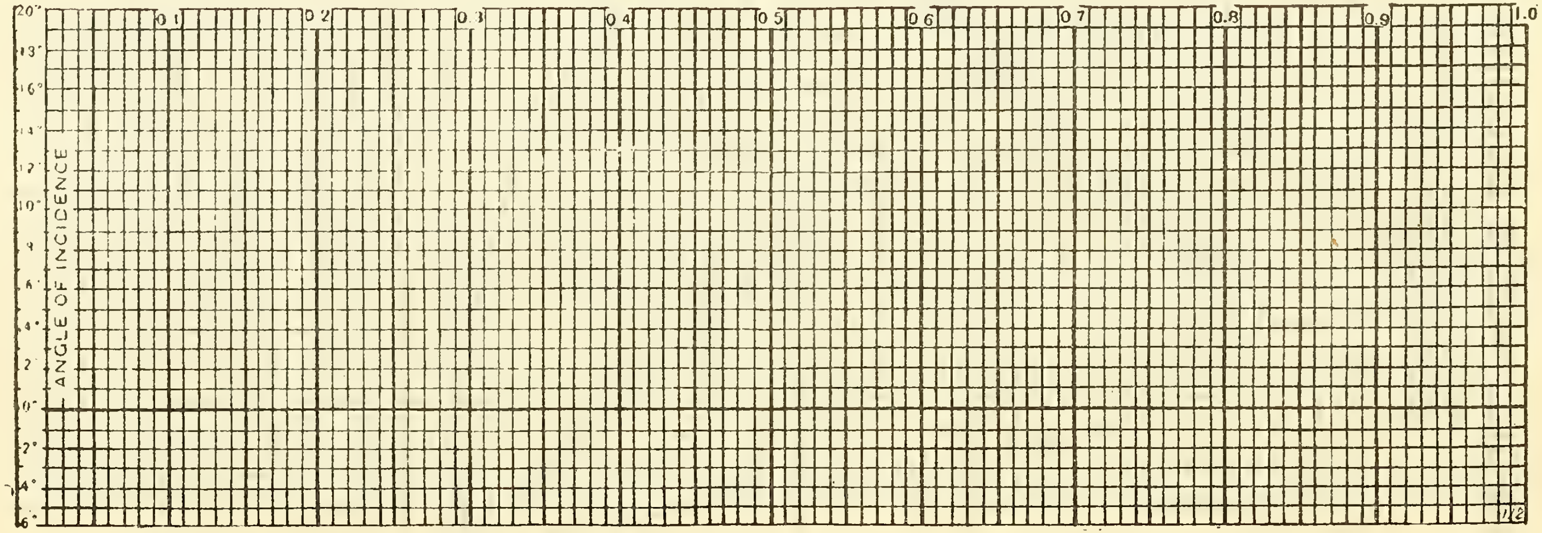
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

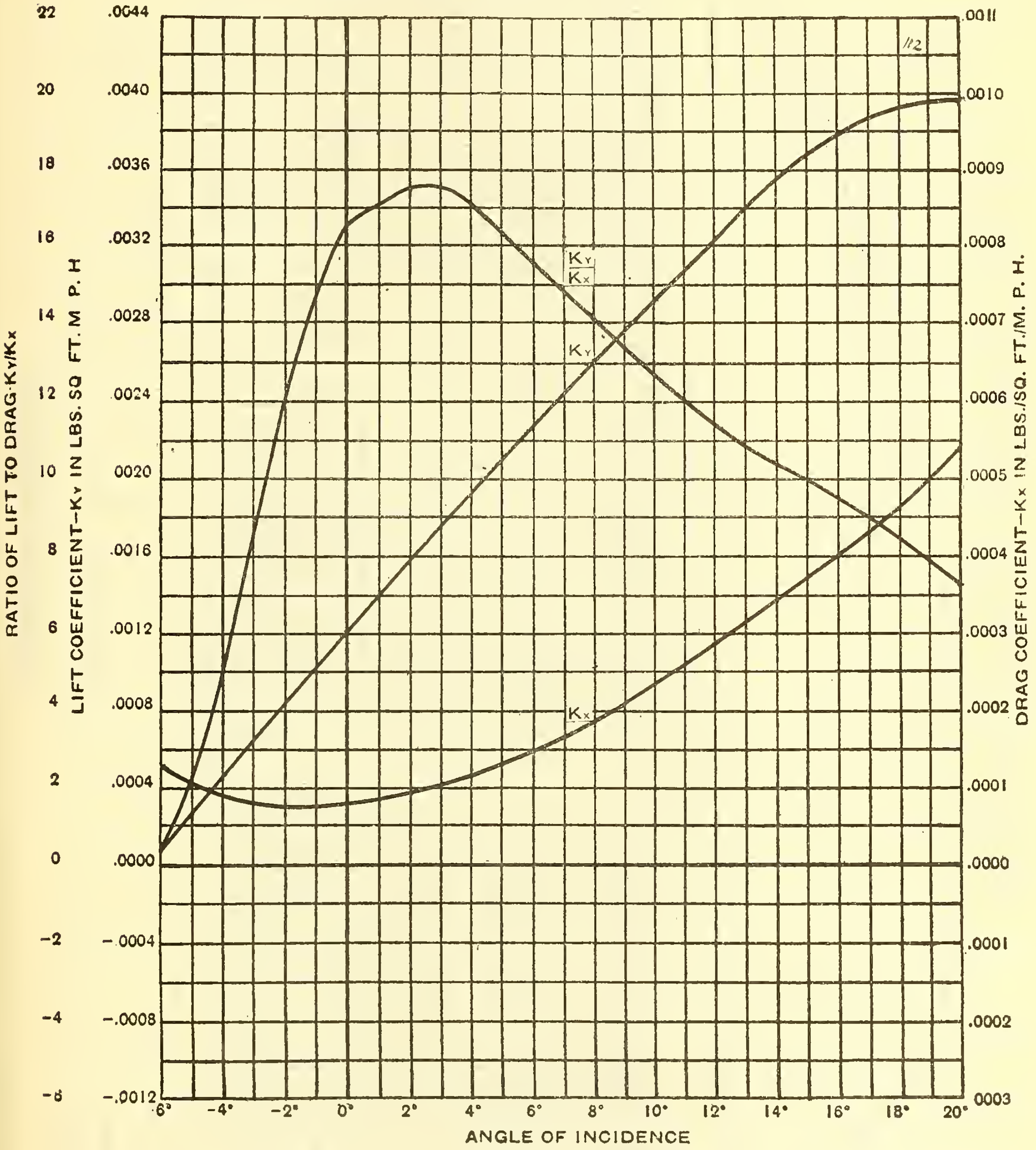


Distance from leading edge...............	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber..........................	0	.794	.1020	.1218	.1270	.1244	.1151	.1020	.0860	.0668	.0423	0
Lower camber..........................	0	0	0	0	0	0	0	0	0	0	0	0

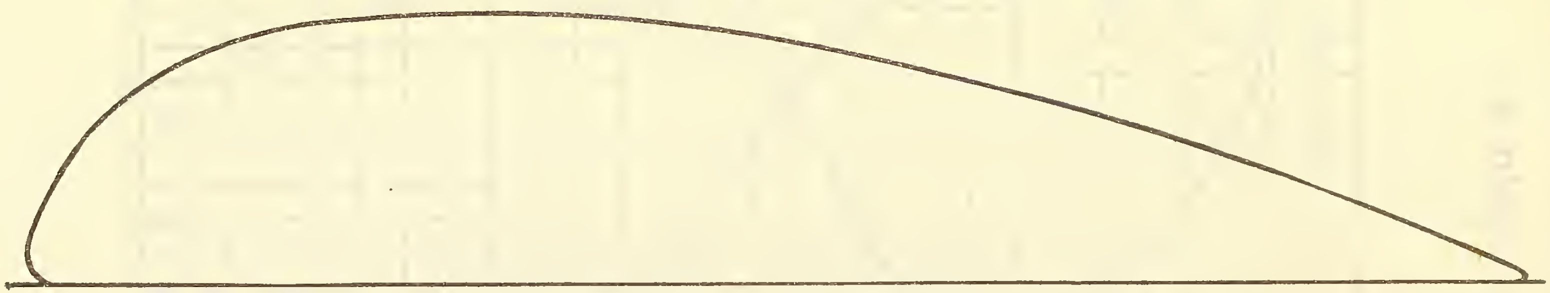
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A. C. No. 4.

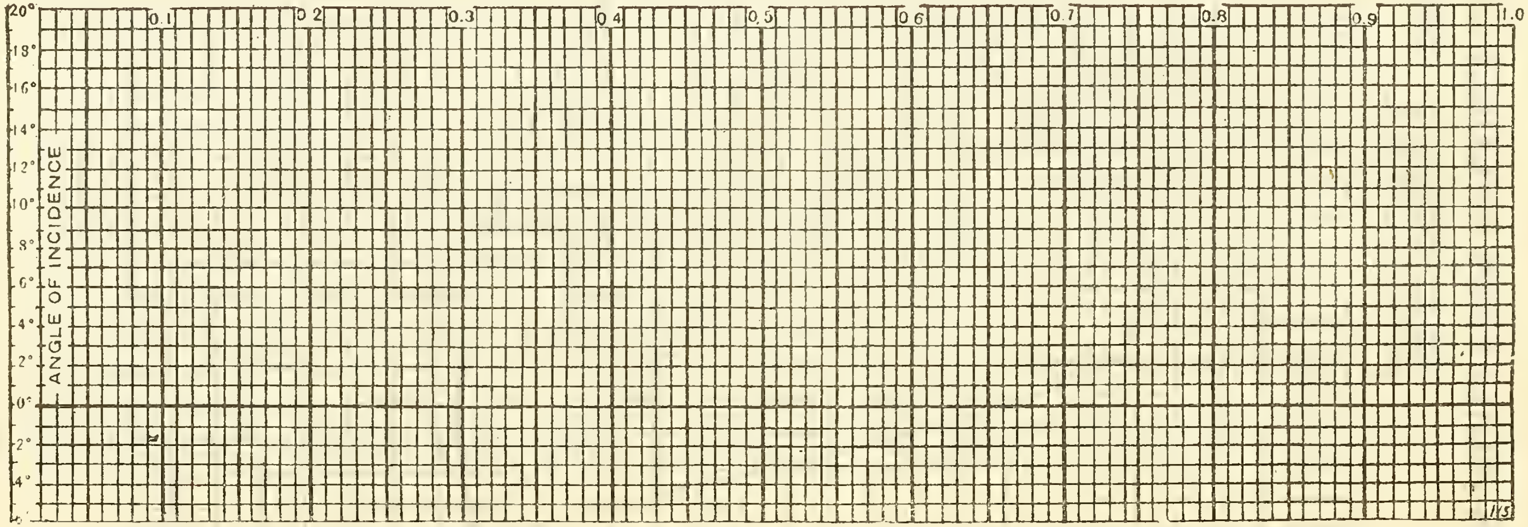
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

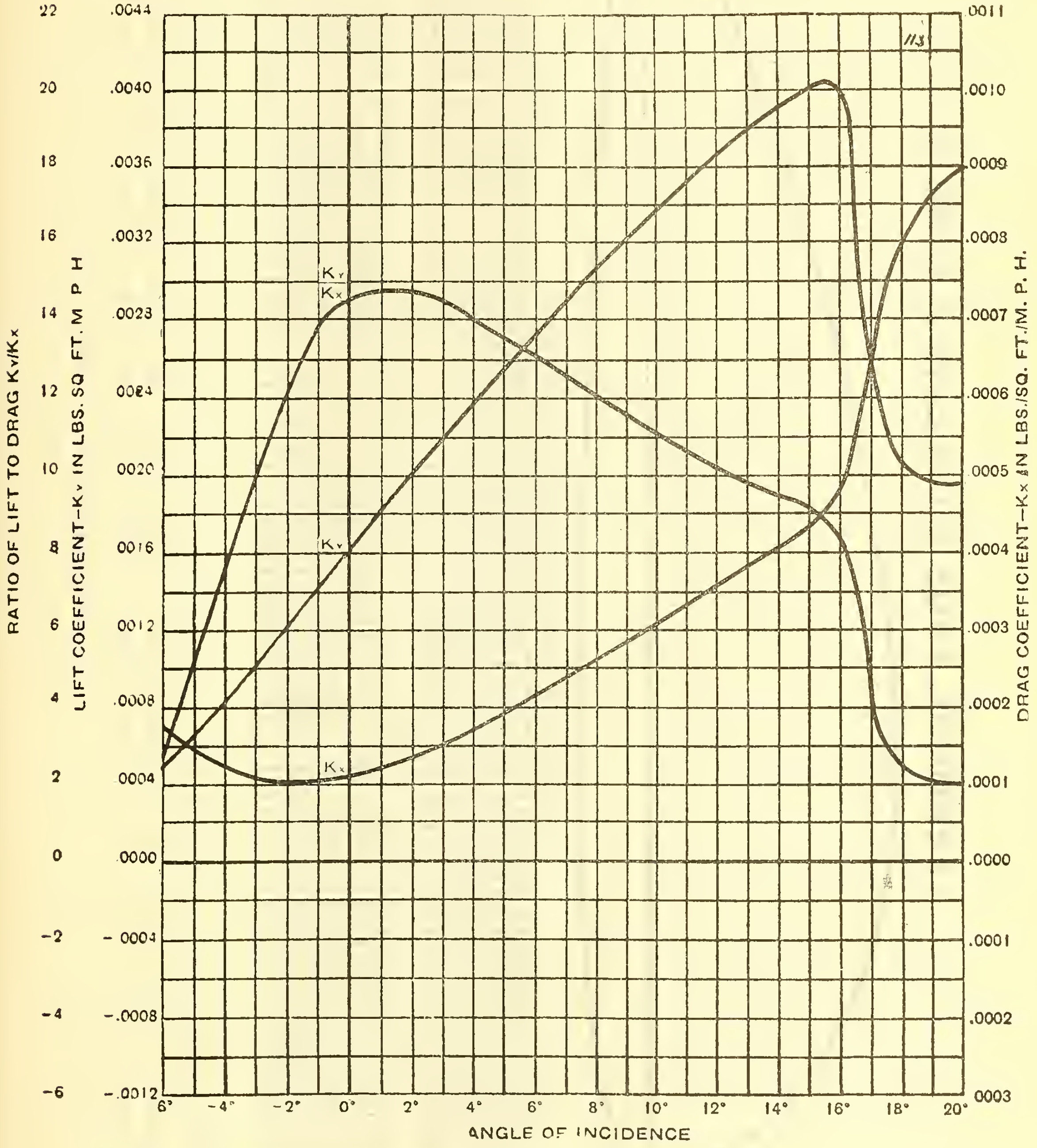


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.1167	.1505	.1810	.1880	.1816	.1665	.1455	.1210	.0925	.0587	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0

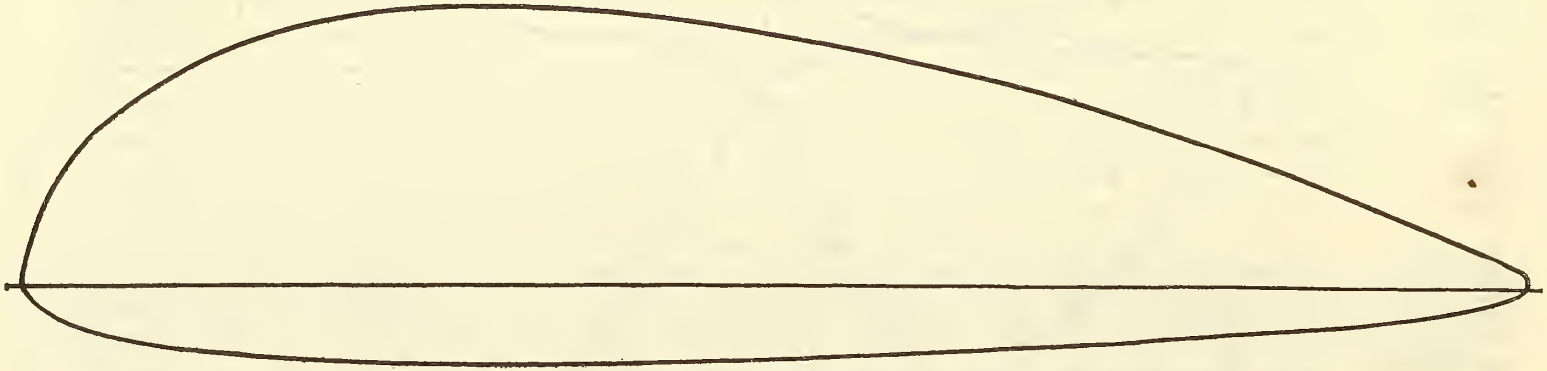
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A.,C. No. 5.

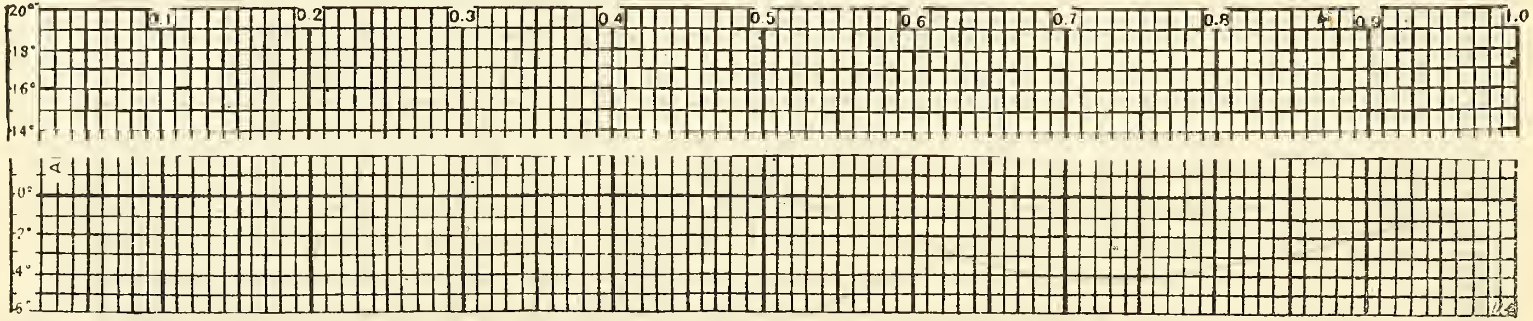
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, FAGE & COLLINS A. C. No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

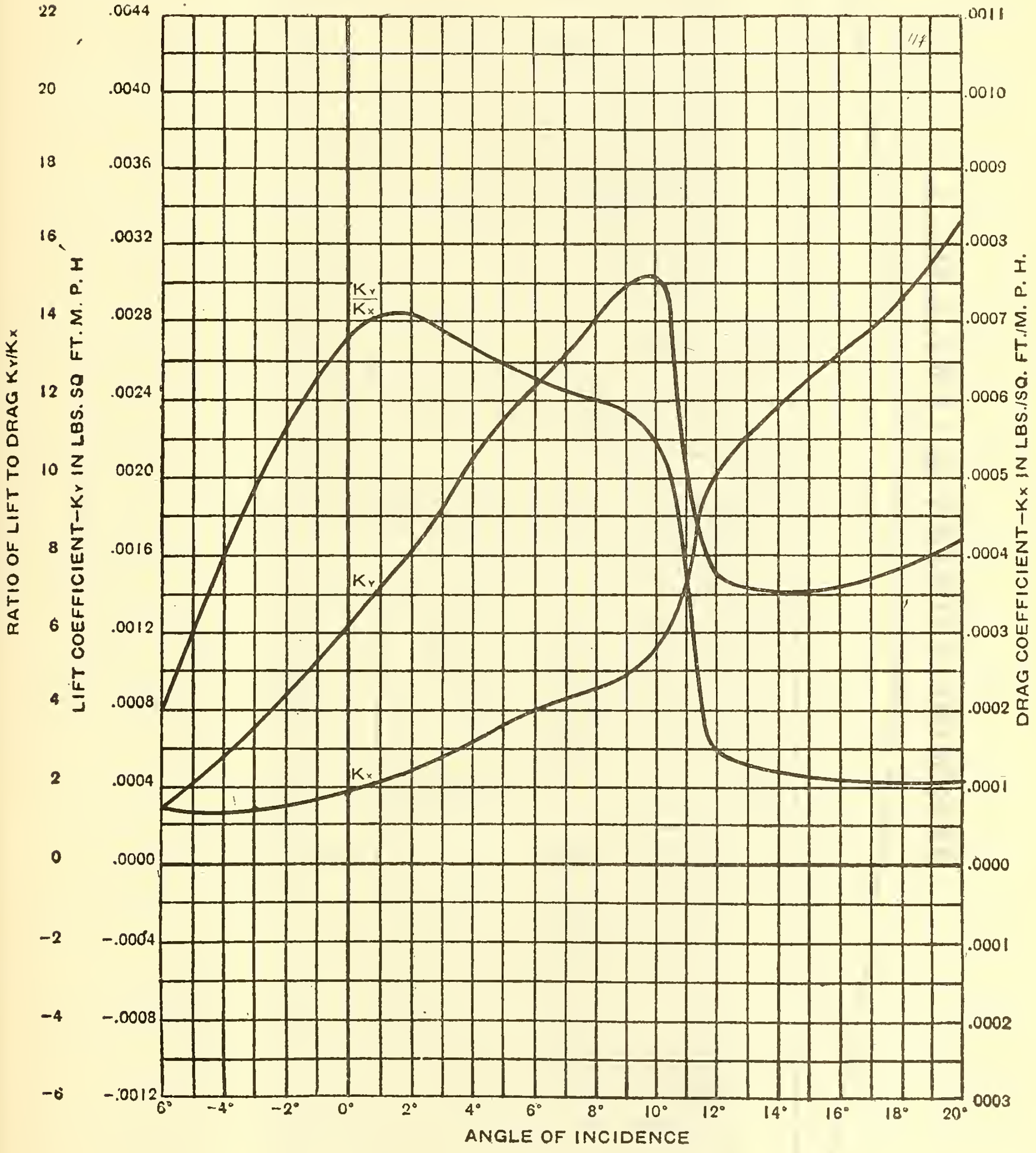


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.1033	.1433	.1866	.200	.1933	.1758	.1525	.1233	.0883	.0500	0
Lower camber	0	−.0300	−.0383	−.0475	−.050	−.0492	−.0475	−.0425	−.0367	−.0317	−.0233	0

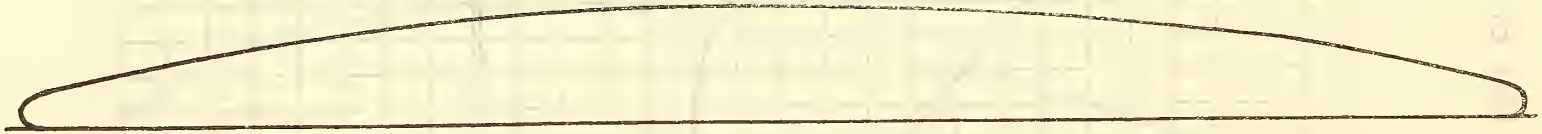
All dimensions given as decimal parts of chord.

AEROFOIL, FAGE & COLLINS A. C. No. 6.

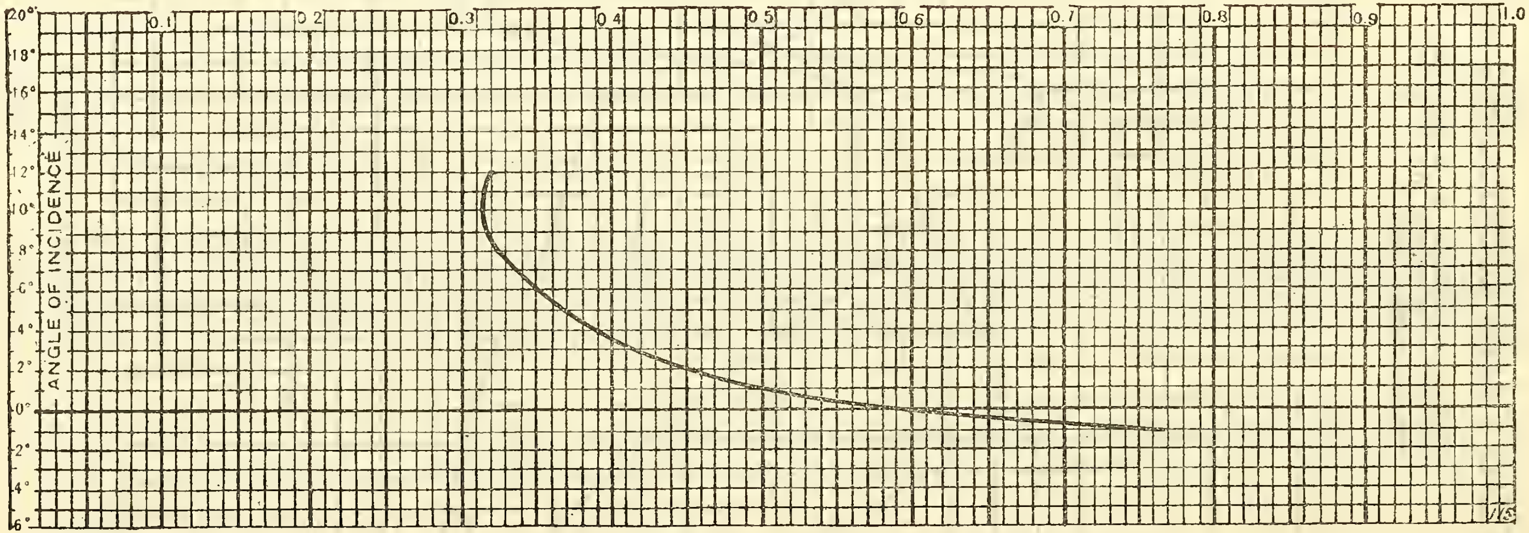
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 51.1 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

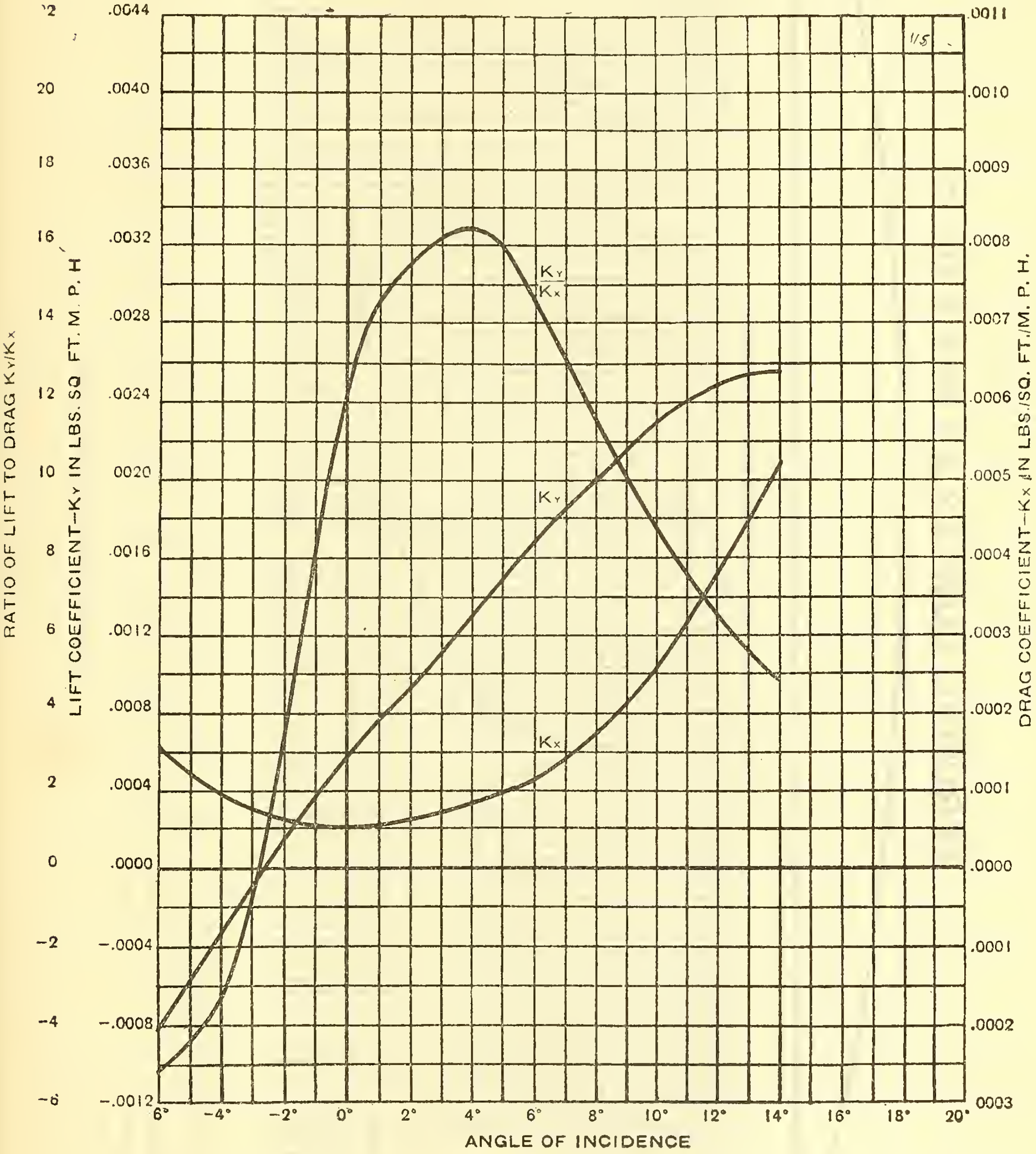


Distance from leading edge	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.0416	.0579	.068	.073	.075	.073	.068	.0579	.0416	.0208	.0104
Lower camber	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

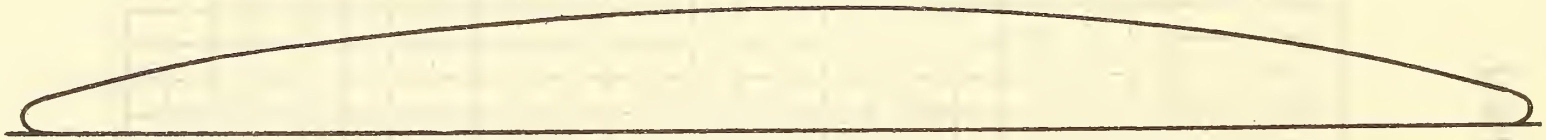
All dimensions given as decimal parts of chord.

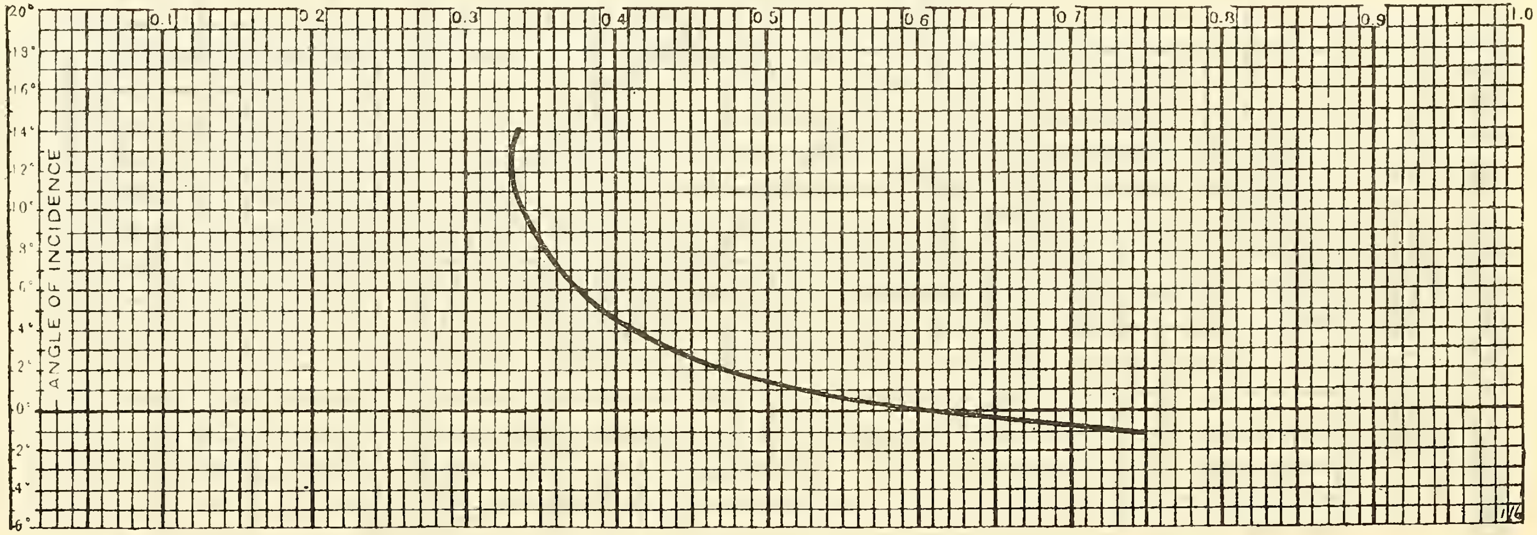
AEROFOIL, COWLEY & LEVY A No. 1.

SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 2.





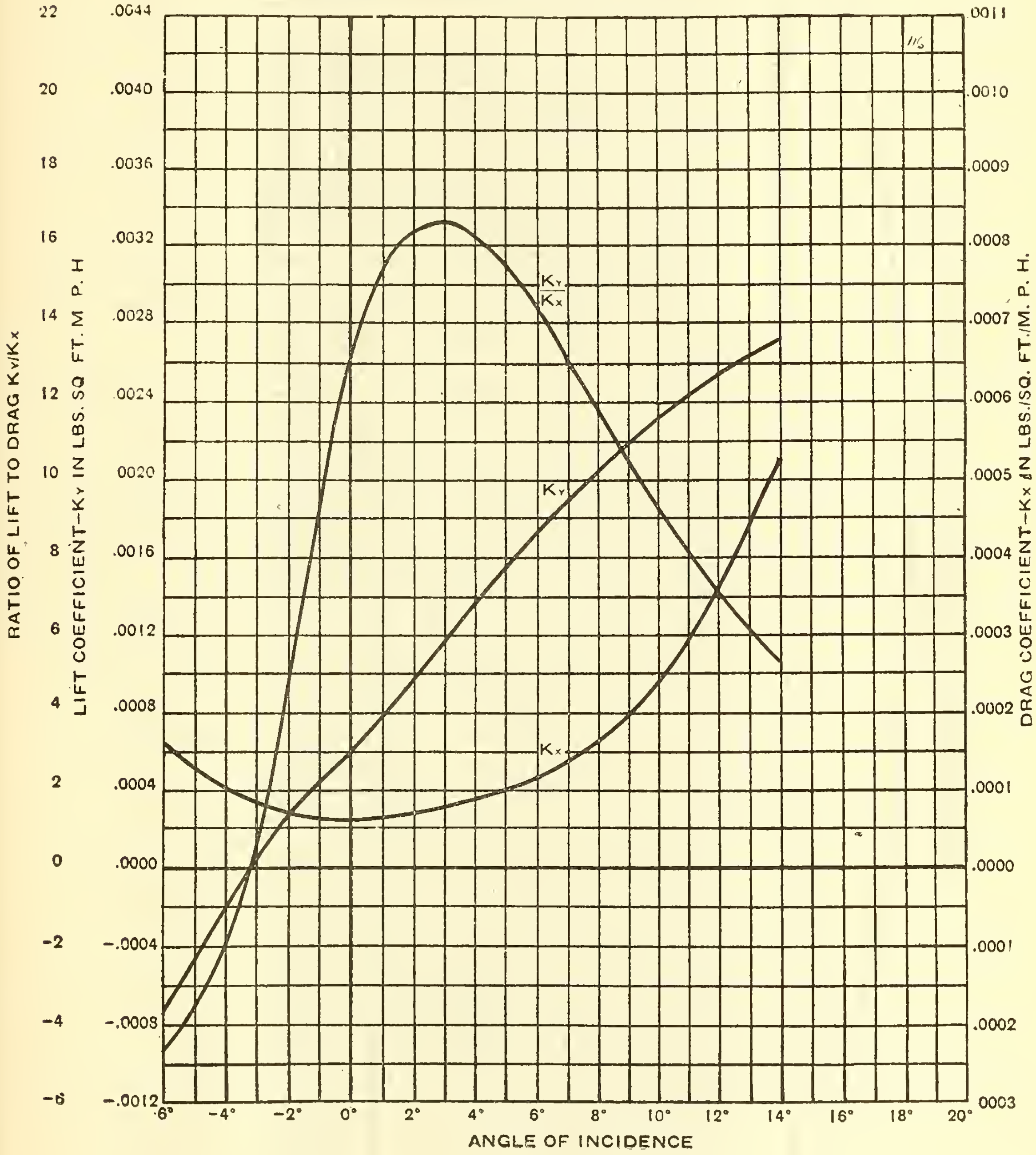
CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.0416	.0625	.0679	.0777	.08	.0777	.0679	.0625	.0416	.0208	.0104
Lower camber	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

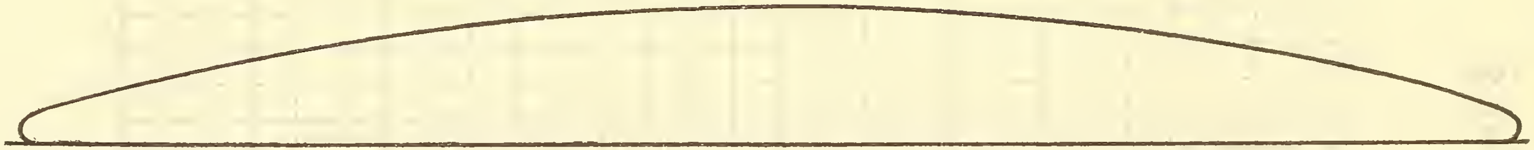
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY A No. 2.

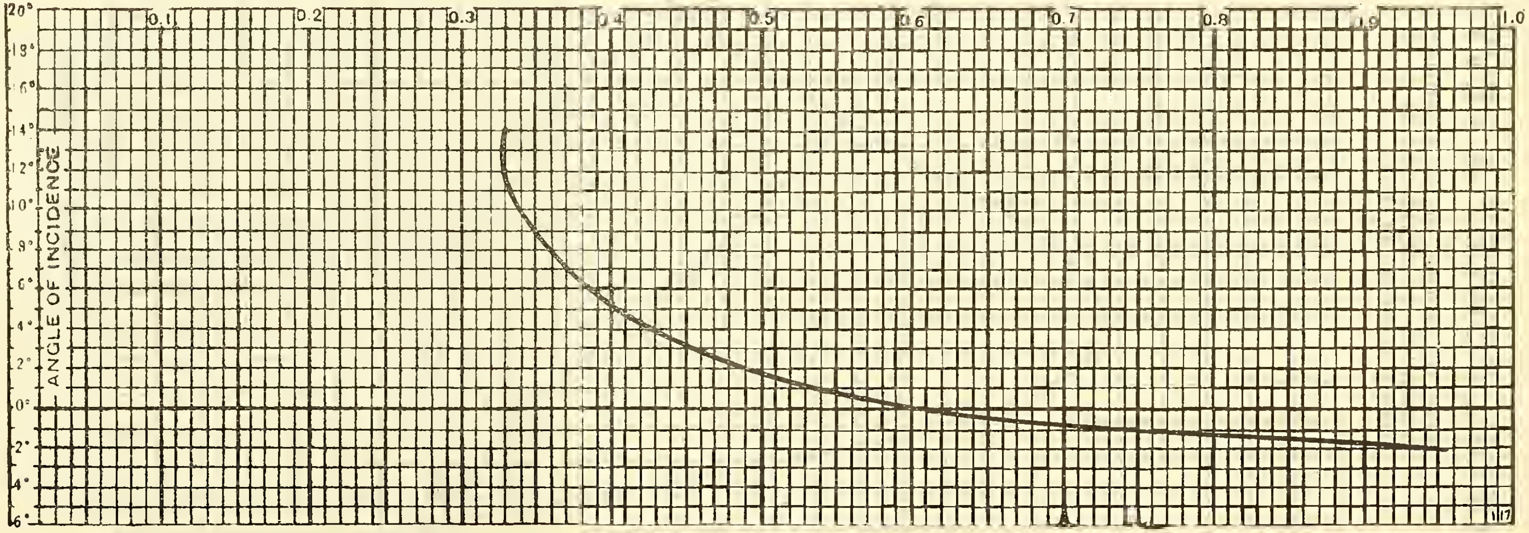
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

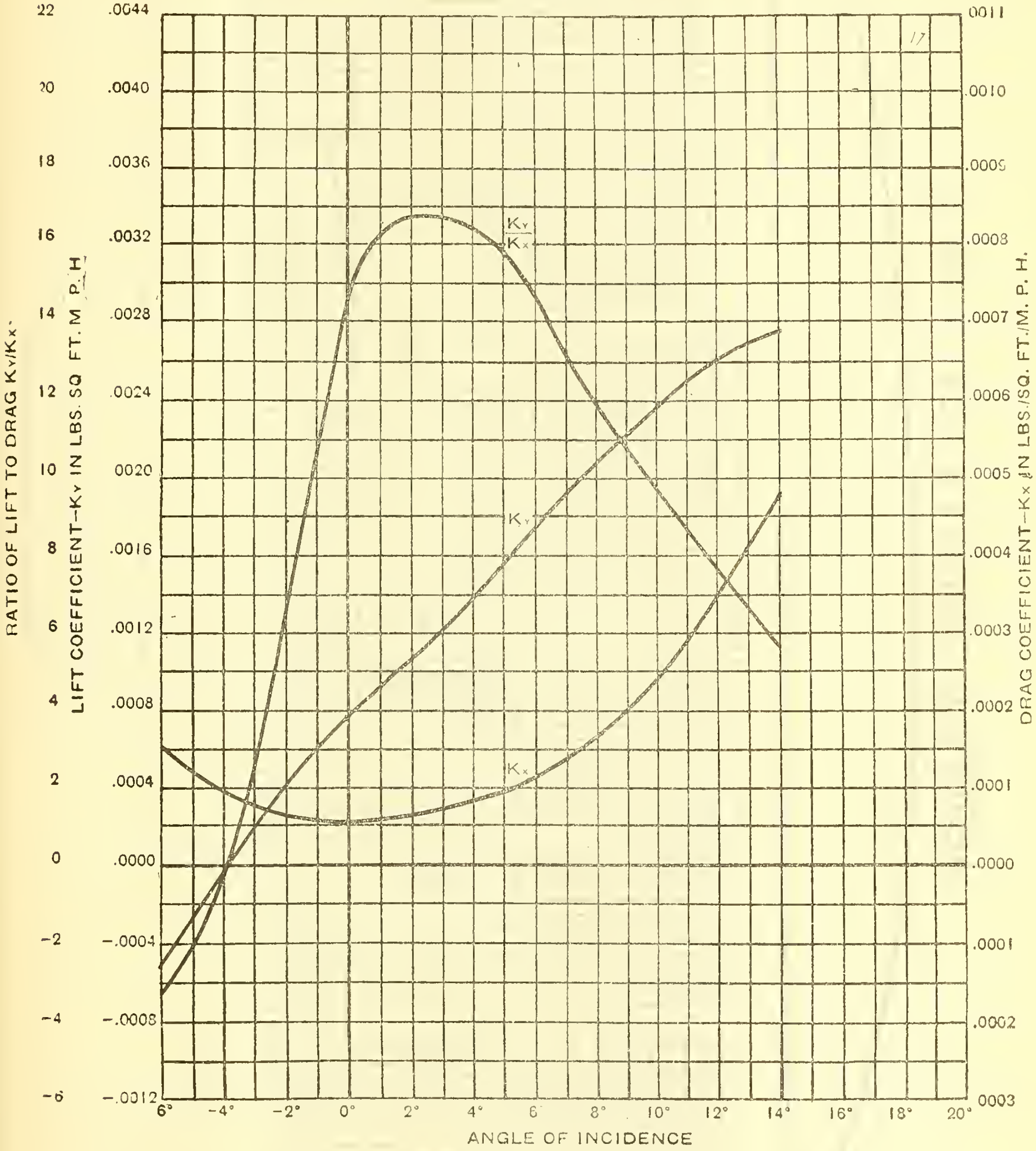


Distance from leading edge.......	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.0467	.0666	.08	.0866	.09	.0866	.08	.0666	.0467	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

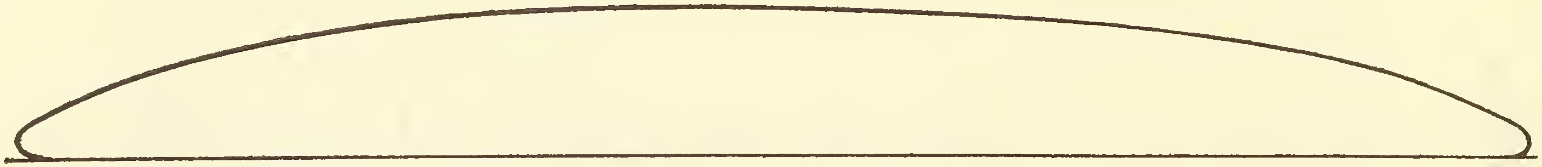
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY A No. 3.

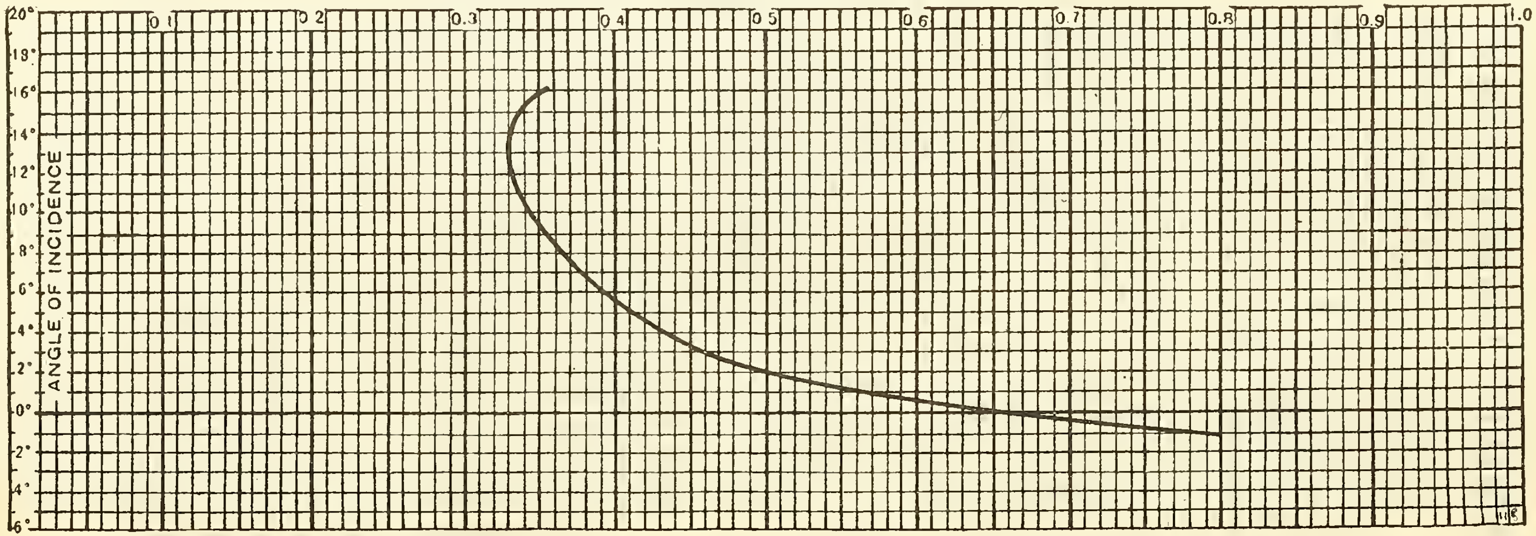
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

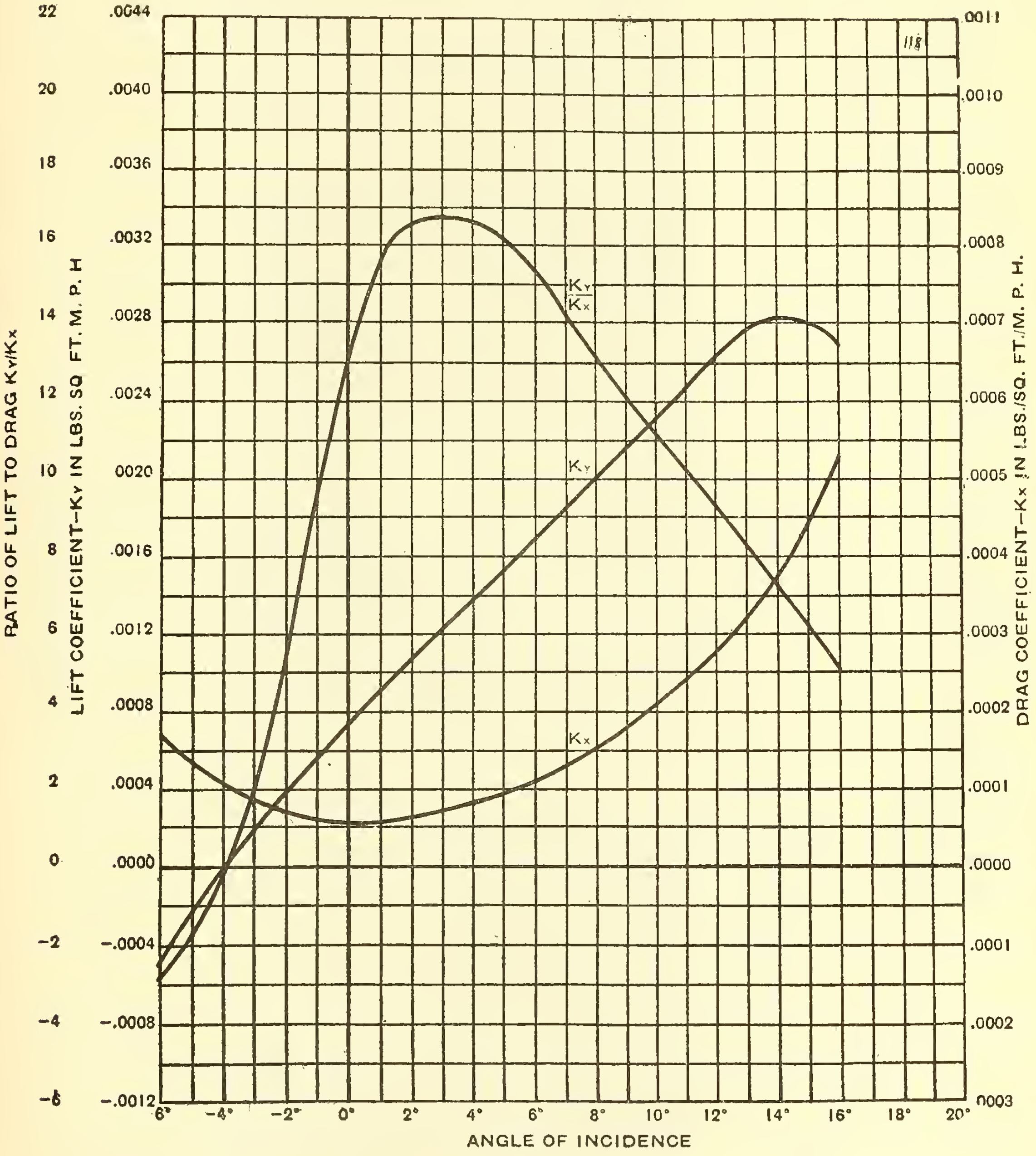


Distance from leading edge.......	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.0666	.0734	.0884	.0965	.10	.0965	.0884	.0734	.0666	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

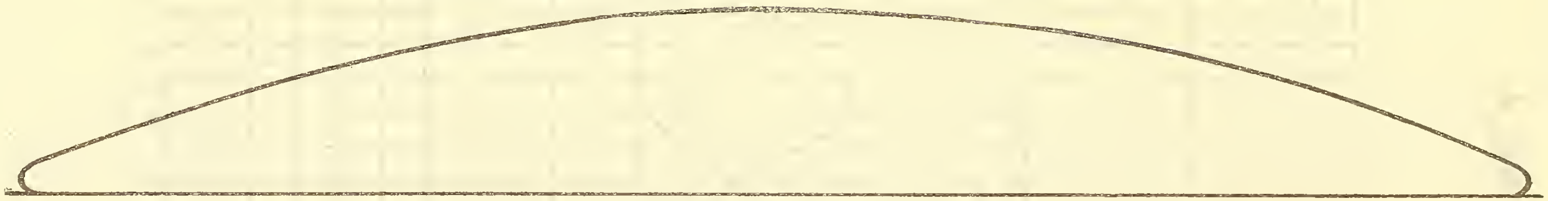
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY A No. 4.

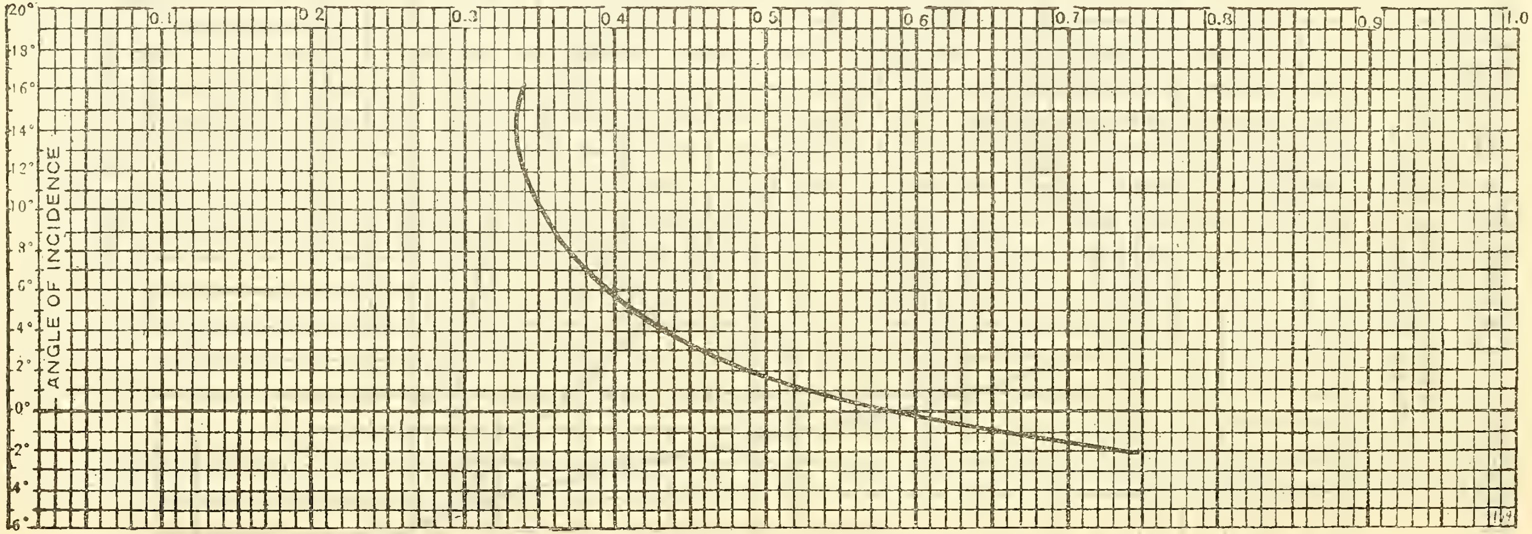
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

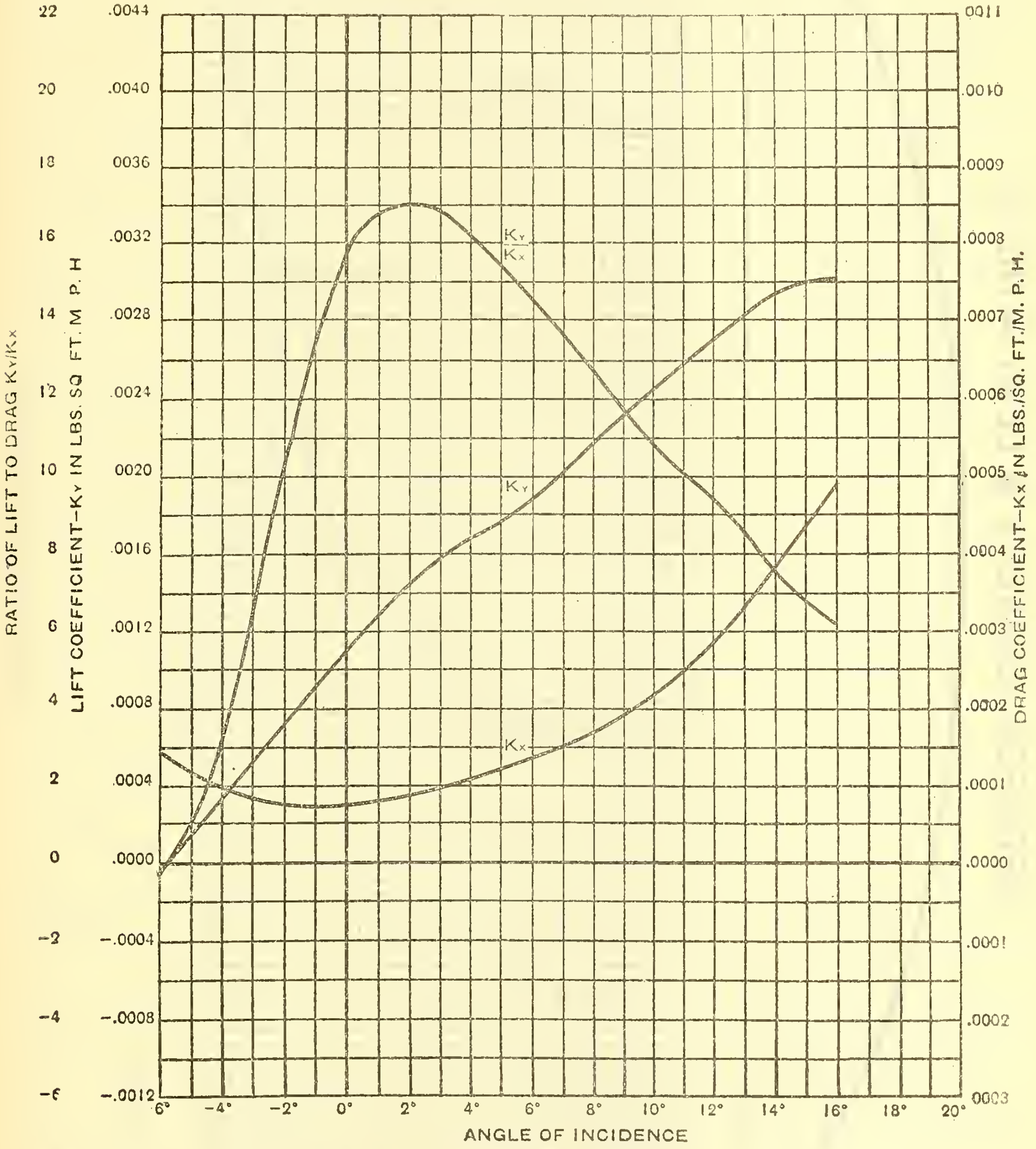


Distance from leading edge	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.0566	.0833	.105	.114	.12	.114	.105	.0833	.0566	.0208	.0104
Lower camber	.0104	0	0	0	0	.0	0	0	0	0	0	0	.0104

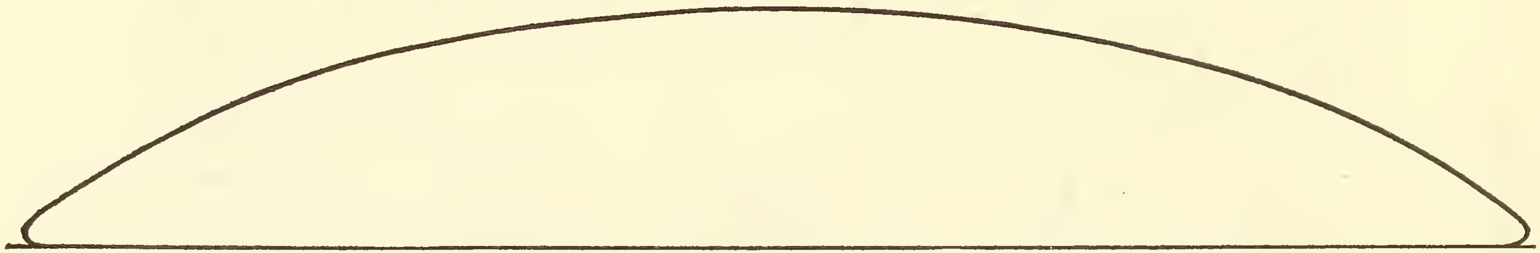
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY A No. 5.

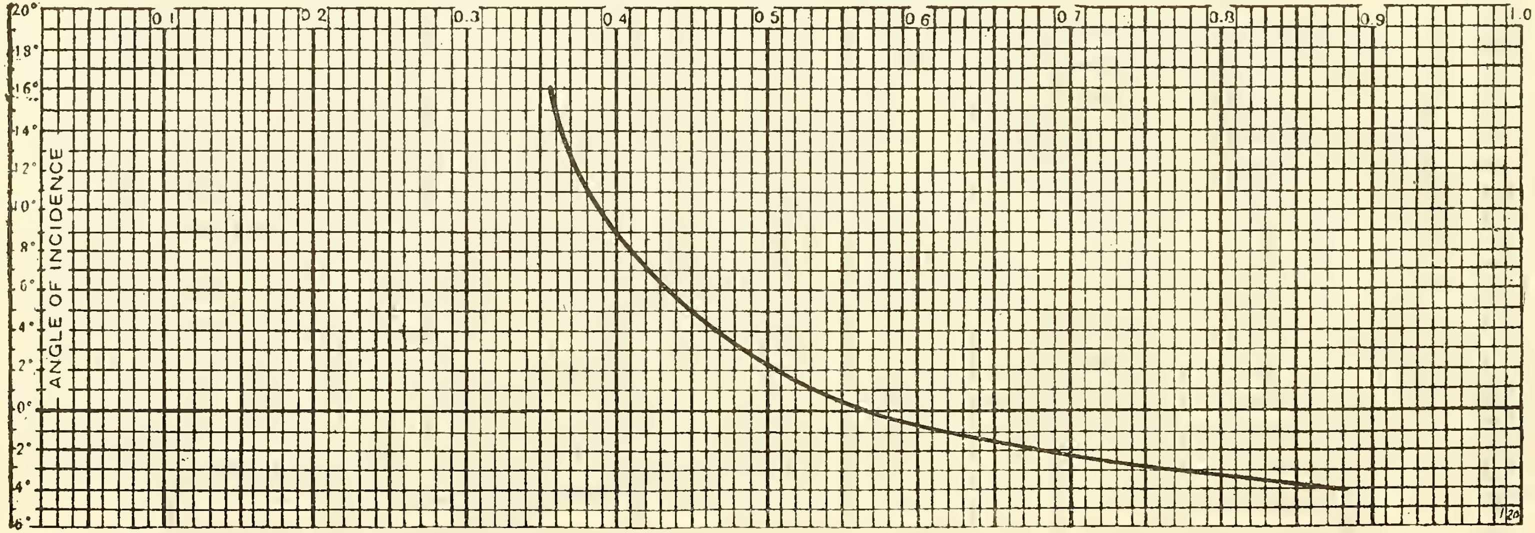
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

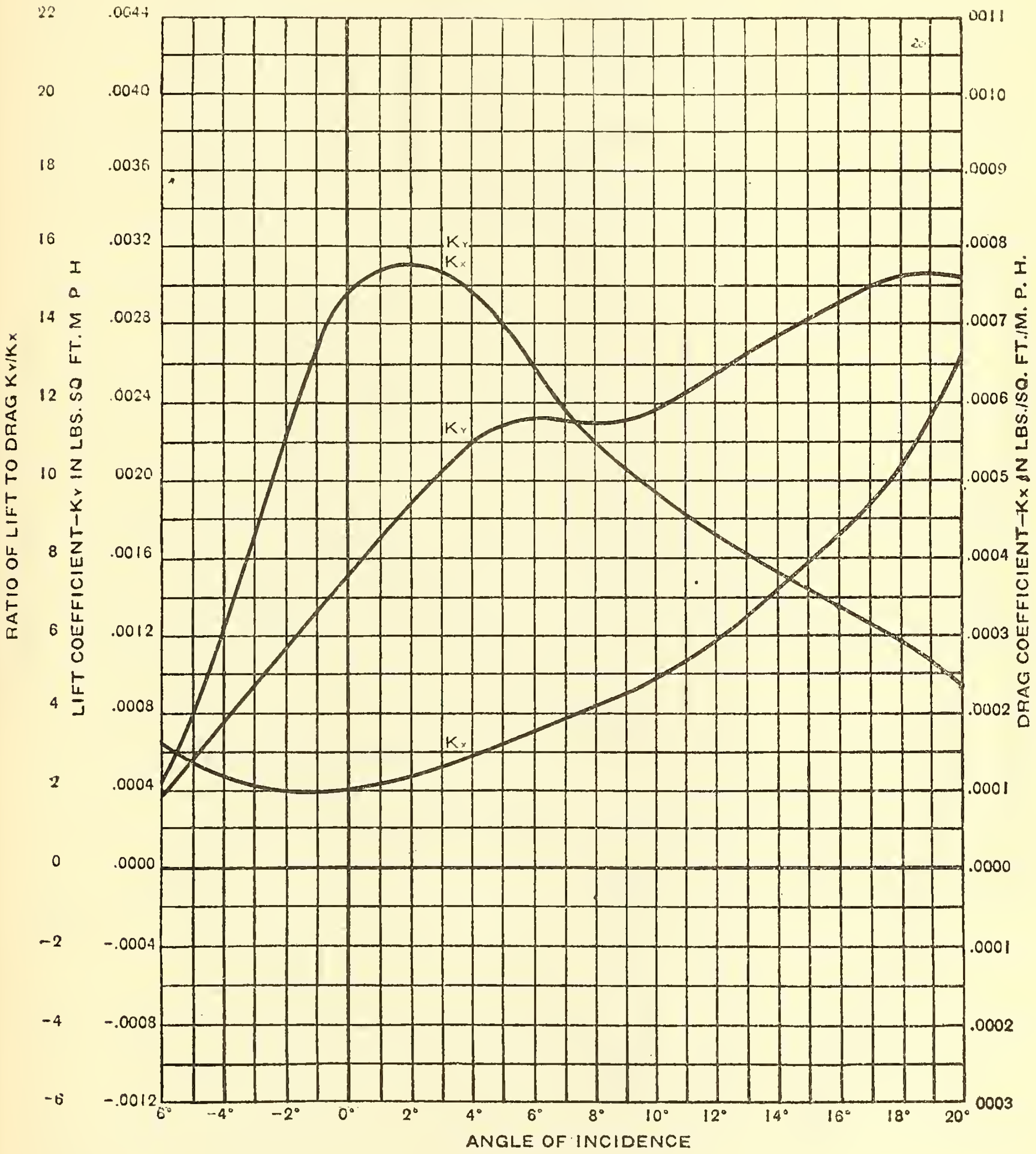


Distance from leading edge.......	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.0715	.12	.139	.155	.16	.155	.139	.13	.0715	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

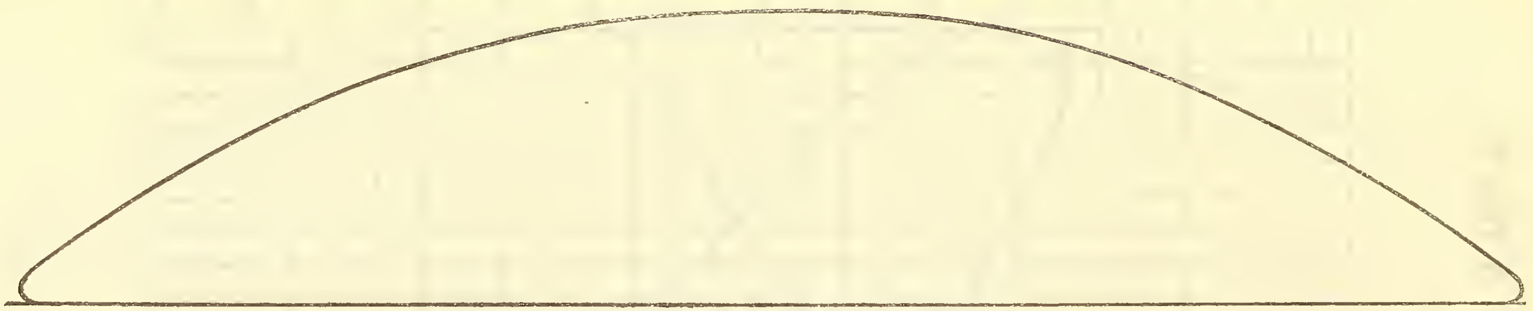
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY A No. 6.

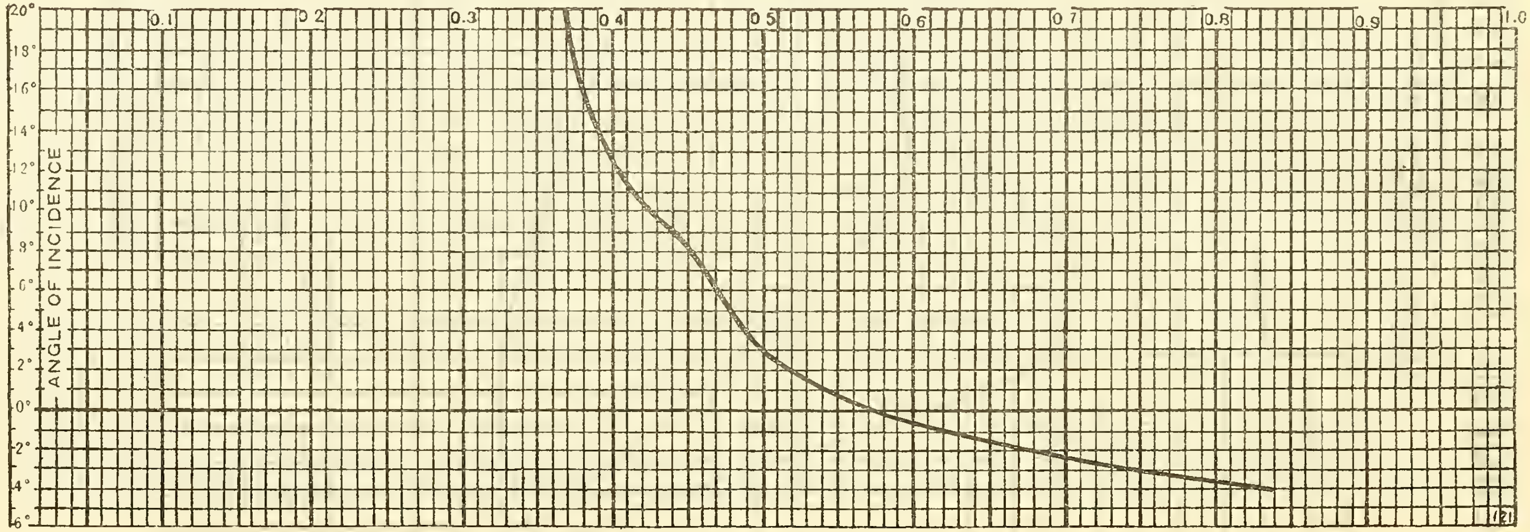
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY A No. 7.



CURVE OF CENTER OF PRESSURE TRAVEL

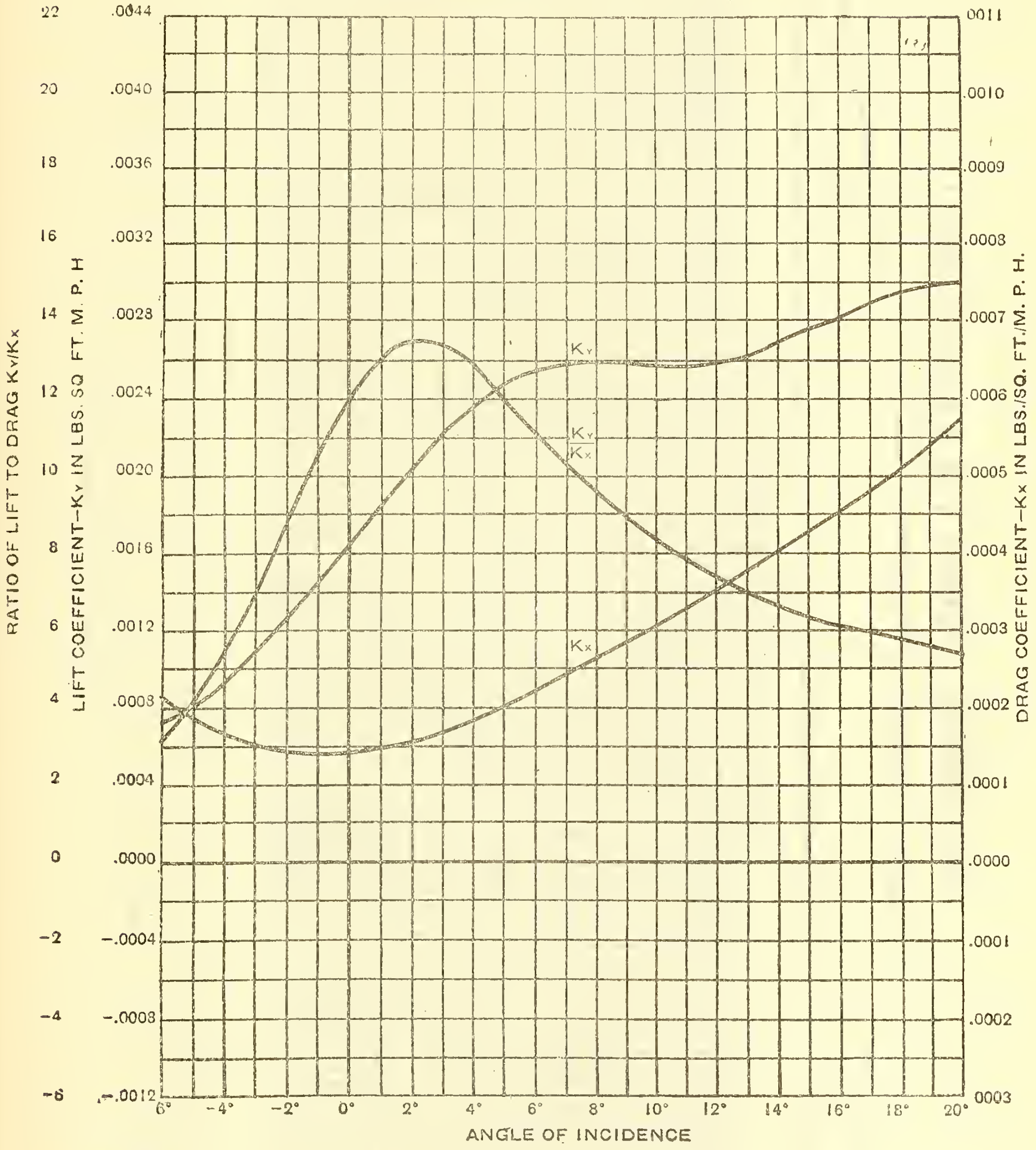


Distance from leading edge.......	0	.0104	.10	.20	.30	.40	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.09	.143	.177	.197	.20	.197	.177	.143	.09	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

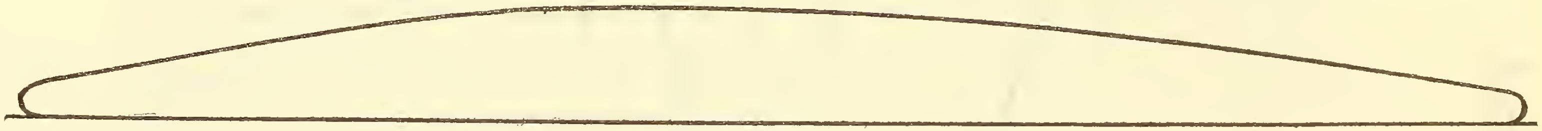
All dimensions given as decimal parts of chord.

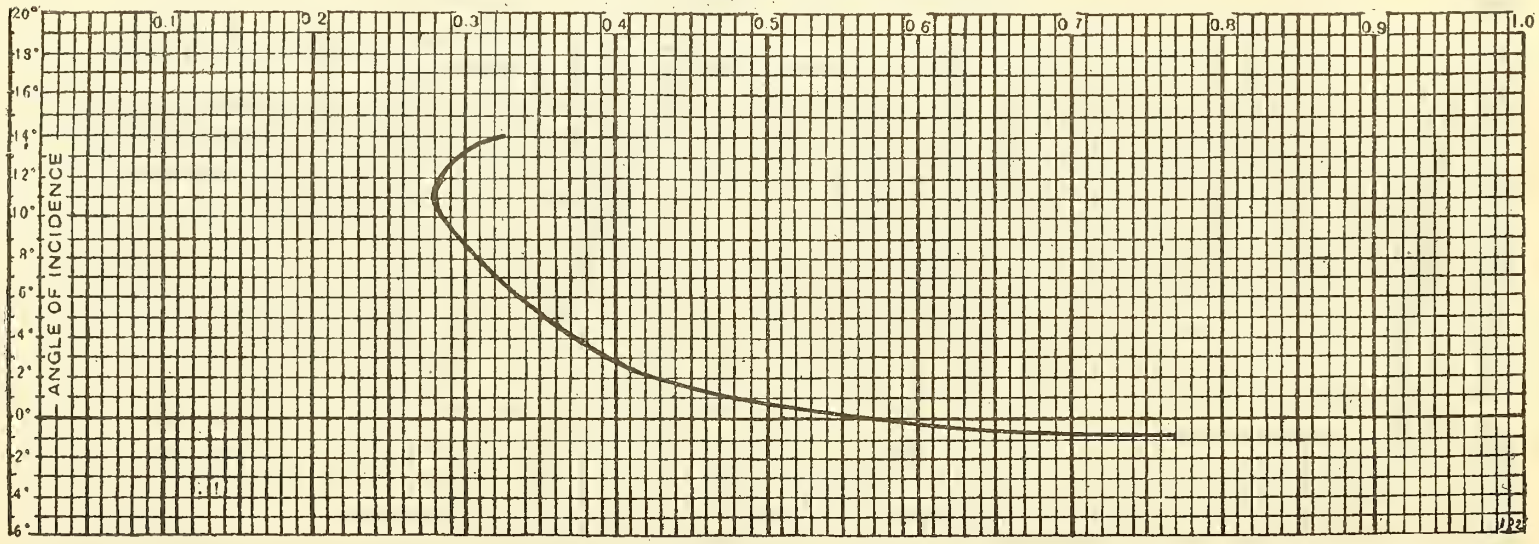
AEROFOIL, COWLEY & LEVY A No. 7.

SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B. No. 1.



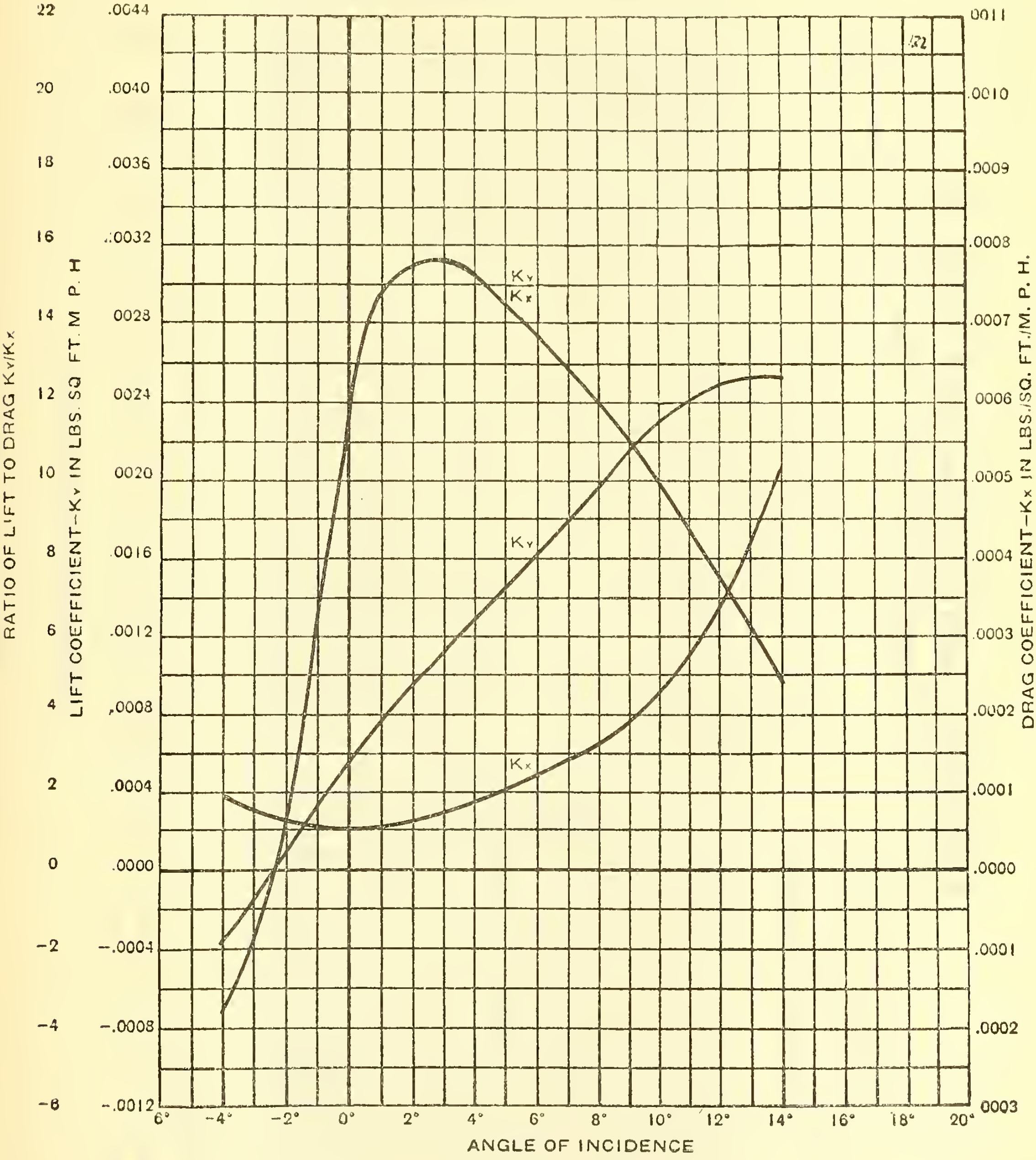

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge.......	0	.0104	.10	.20	.30	.375	.50	.60	70	.80	.90	.989	1.00
Upper camber....................	.0104	.0204	.04	.0566	.07	.075	.0734	.0716	.0633	.0484	.0333	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

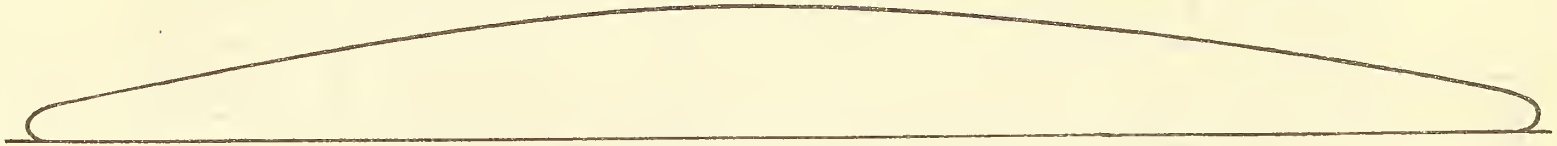
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY B No. 1.

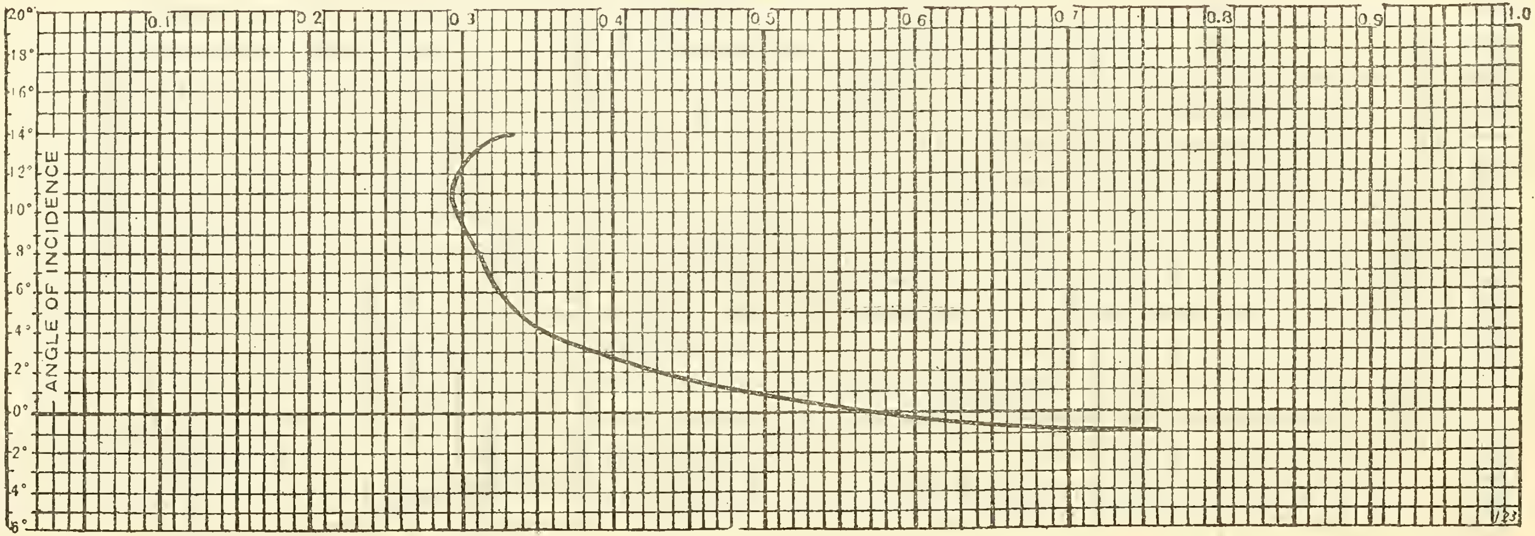
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

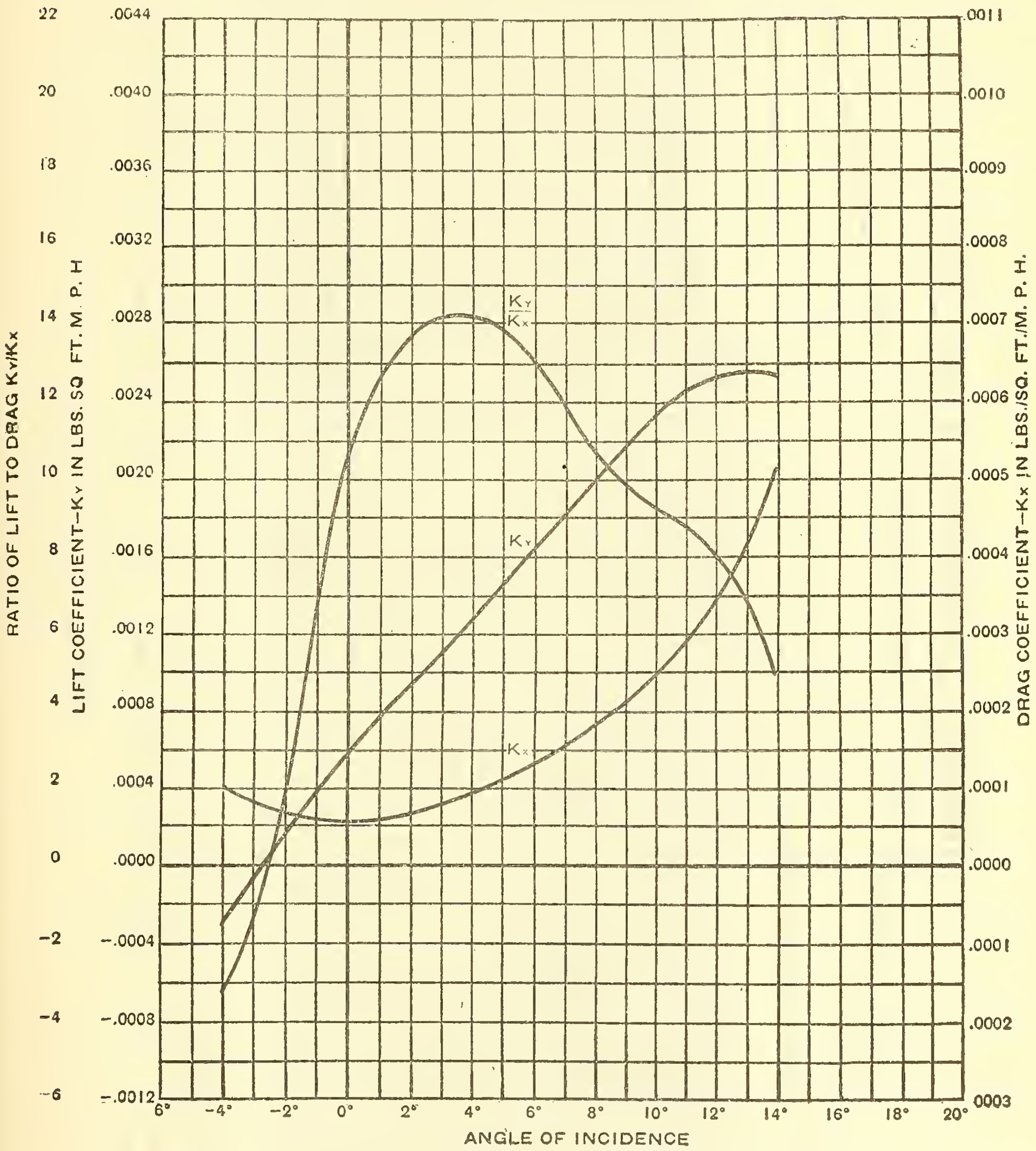


Distance from leading edge.......	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0204	.0415	.06	.073	.08	.078	.0778	.0715	.0583	.043	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

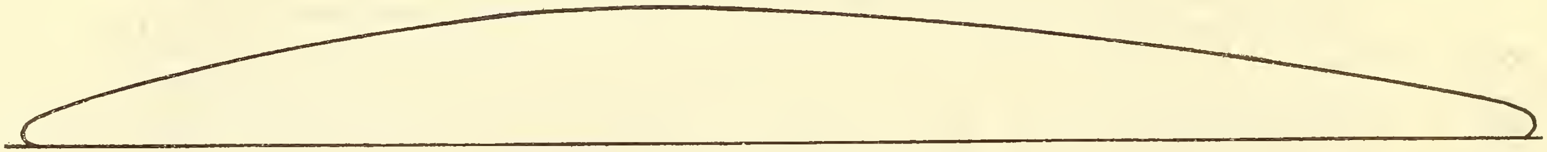
All dimensions given as decimal parts of chord.

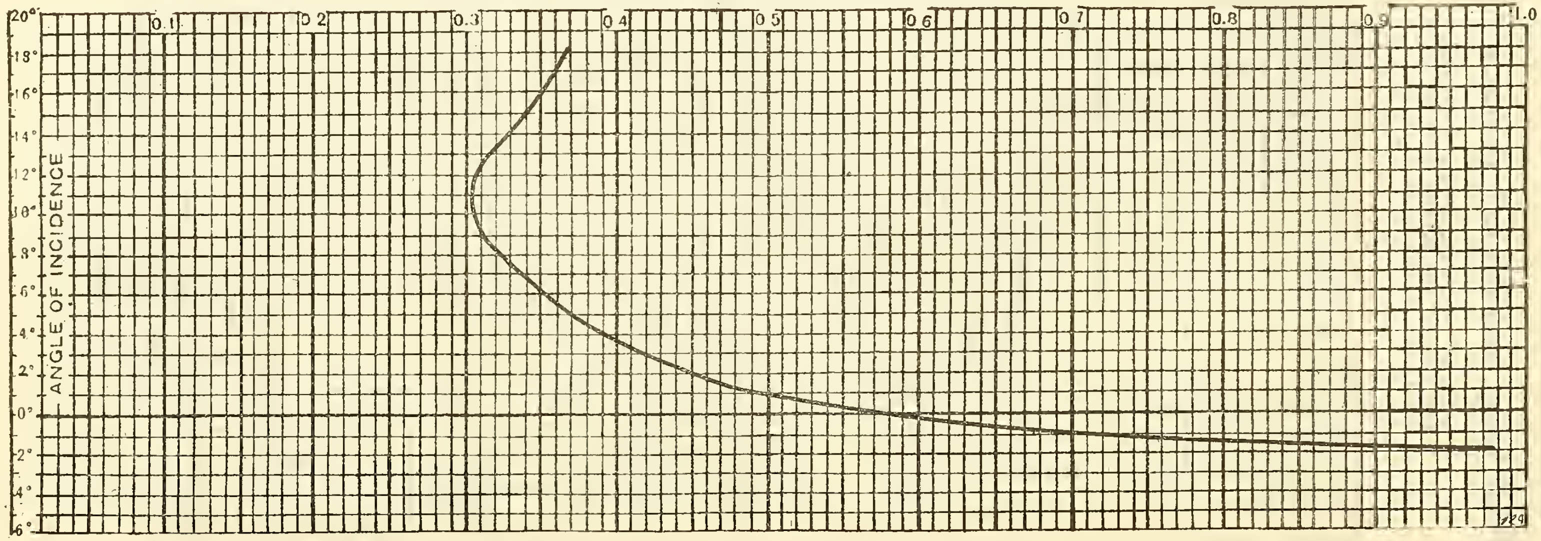
AEROFOIL, COWLEY & LEVY B No. 2

SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 3.





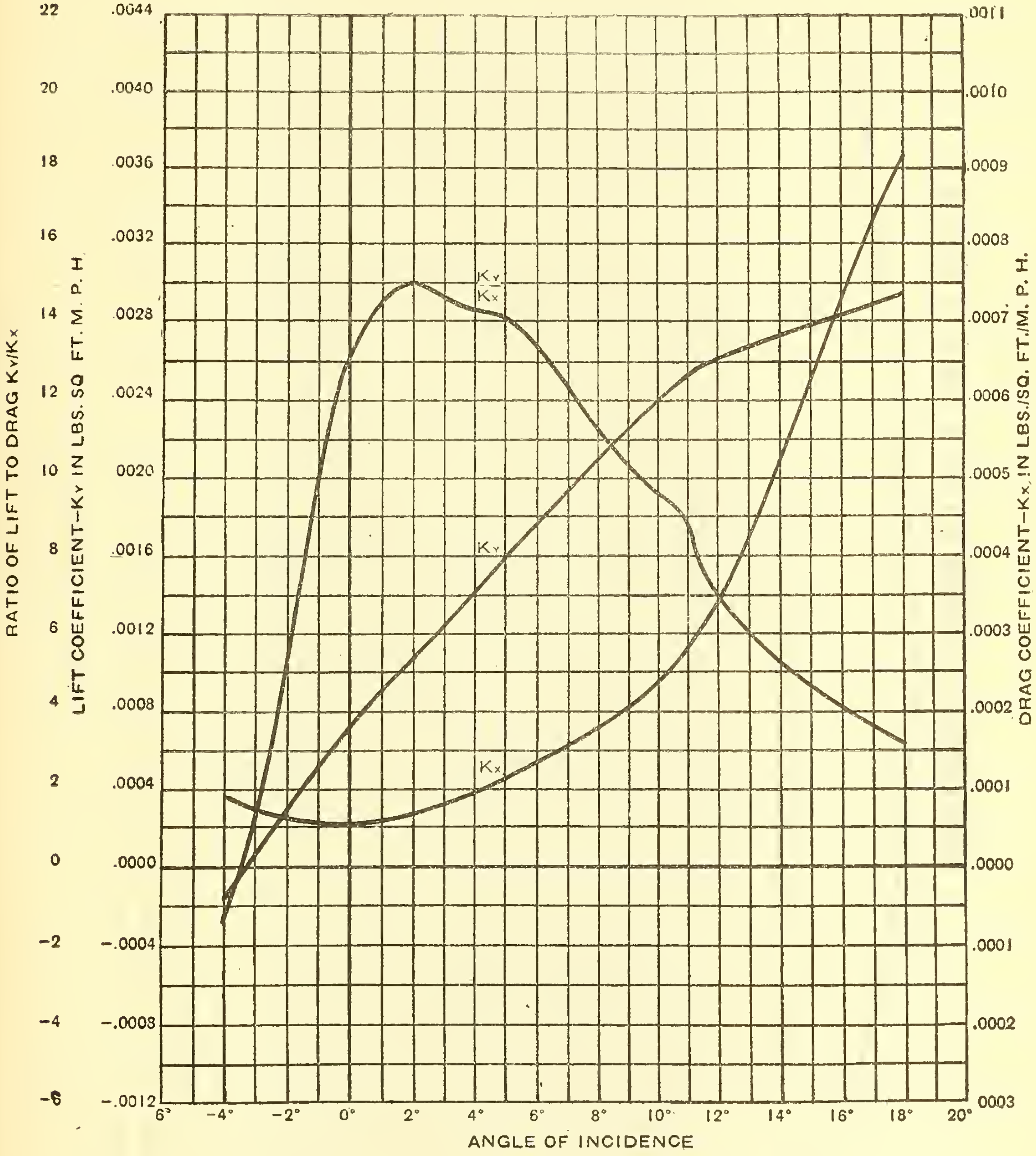
CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.0433	.065	.0815	.09	.085	.0782	.07	.055	.04	.0208	.0104
Lower camber	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

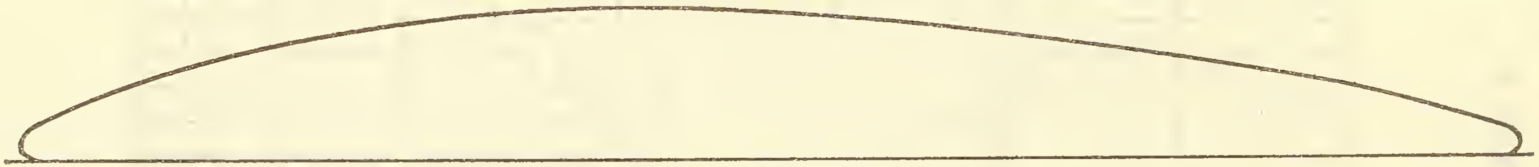
All dimensions given as decimal parts of chord.

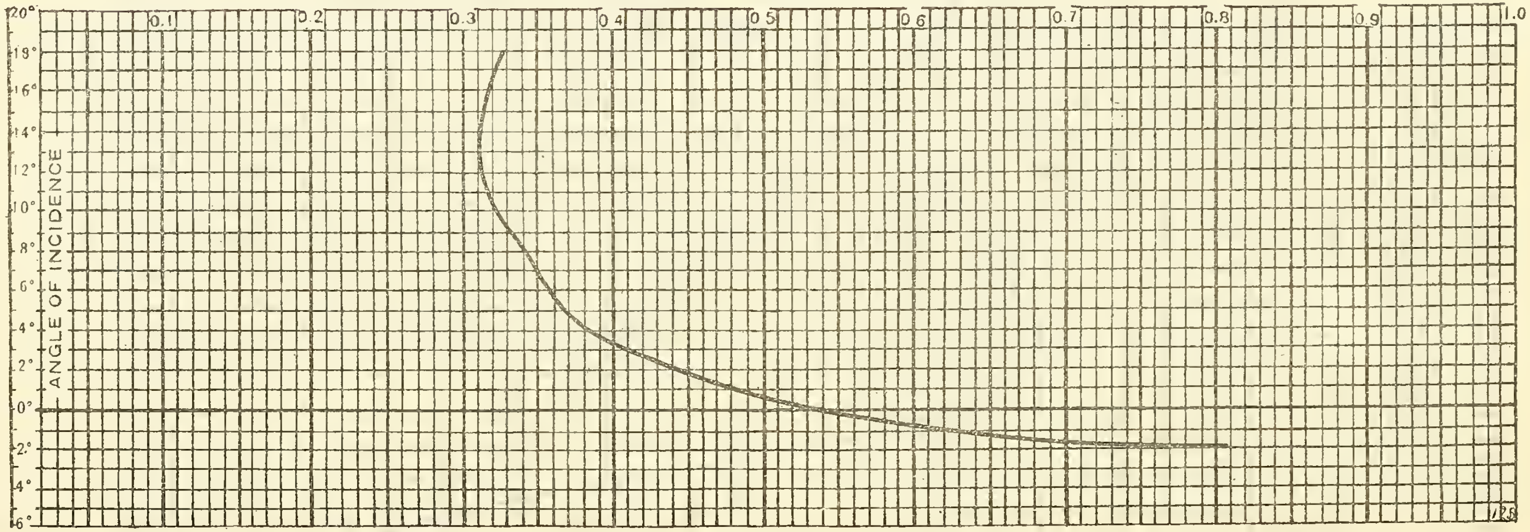
AEROFOIL, COWLEY & LEVY B No. 3.

SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 4.





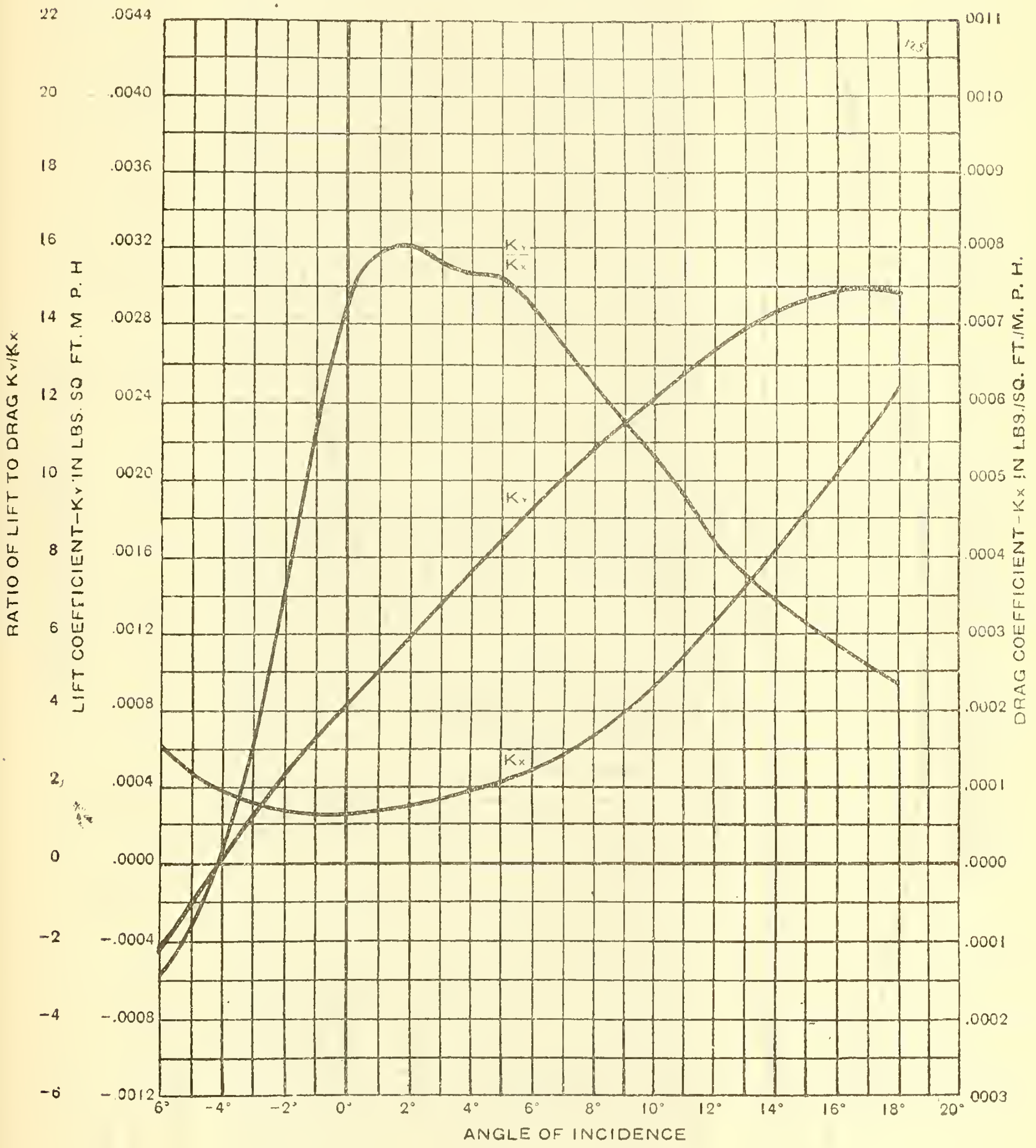
CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.0566	.0817	.095	.10	.0985	.0884	.0773	.065	.0433	.0208	.0104
Lower camber	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

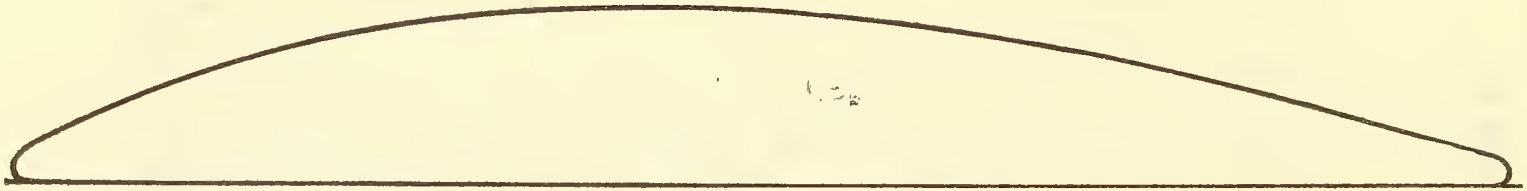
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY B No. 4.

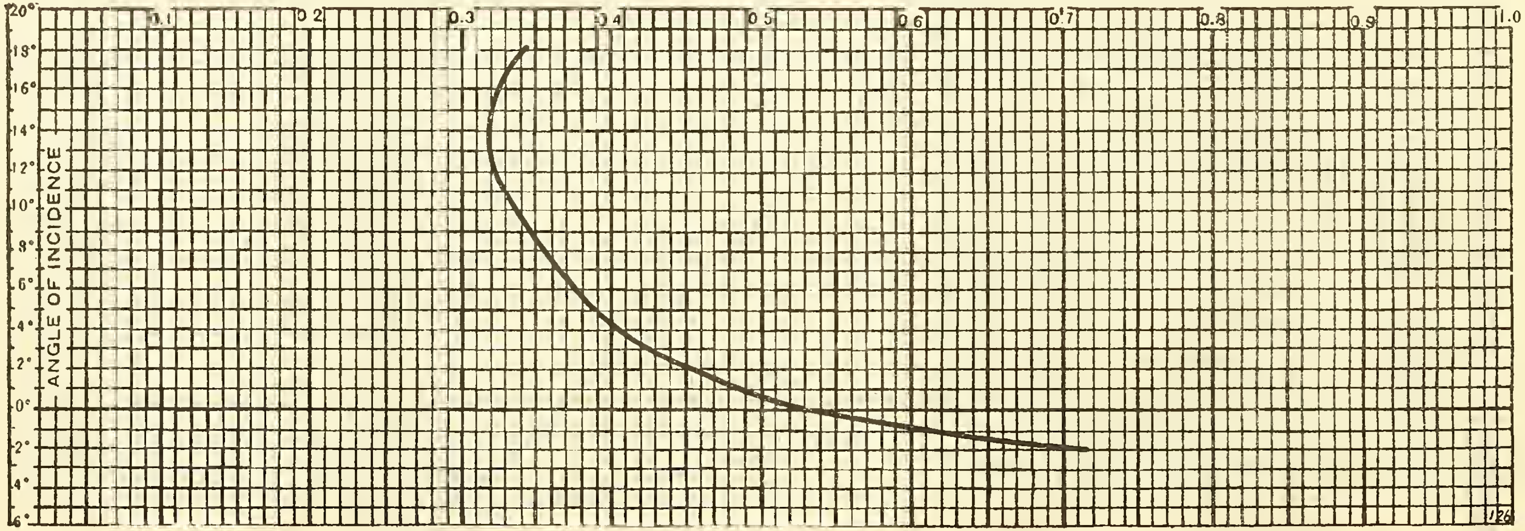
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

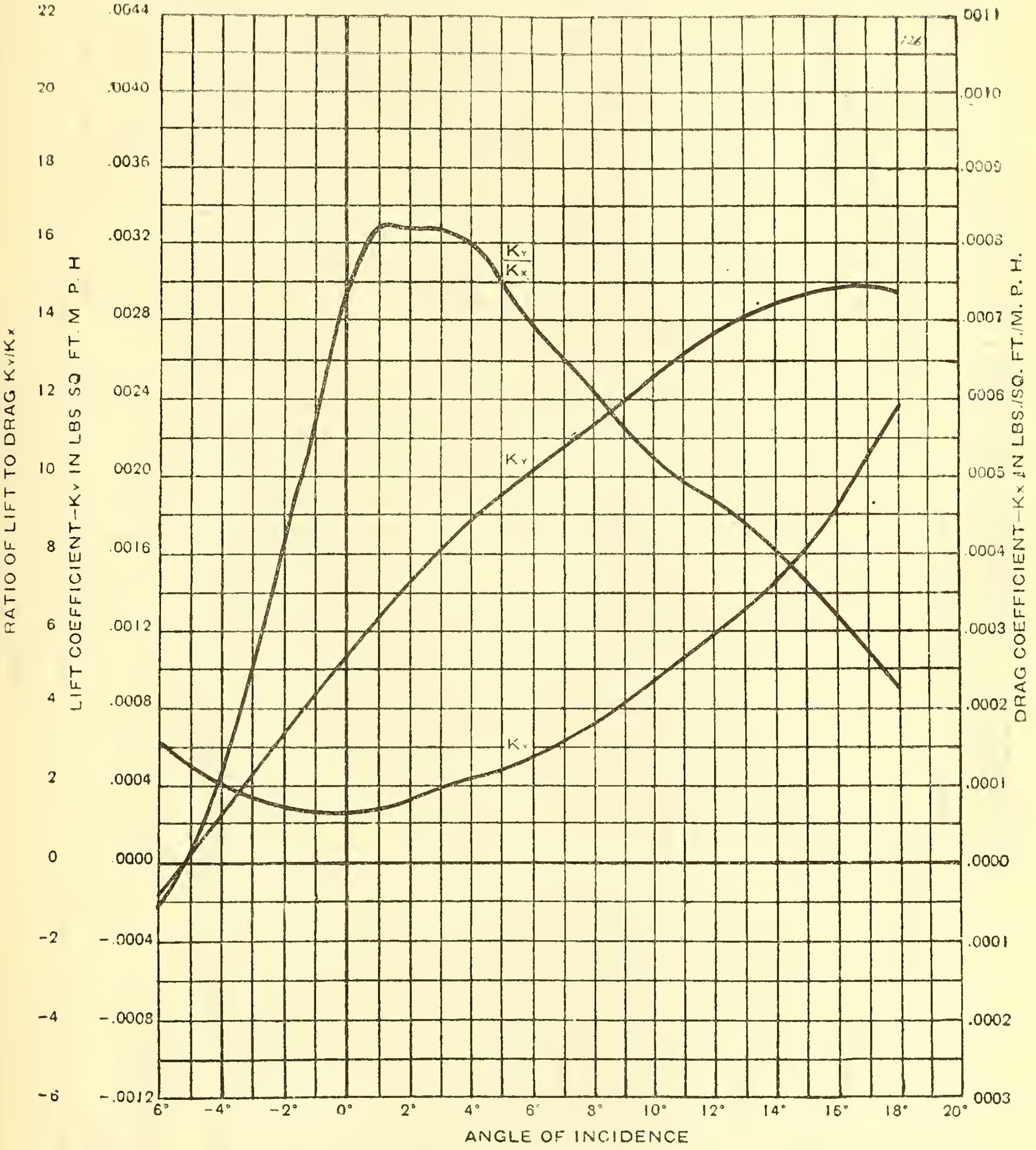


Distance from leading edge.......	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.0666	.0966	.116	.12	.115	.1065	.0915	.0716	.0466	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

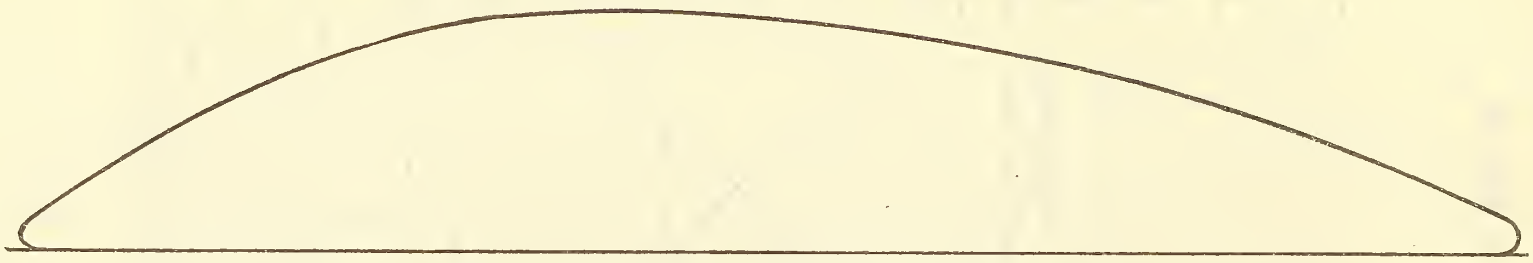
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY B No. 5.

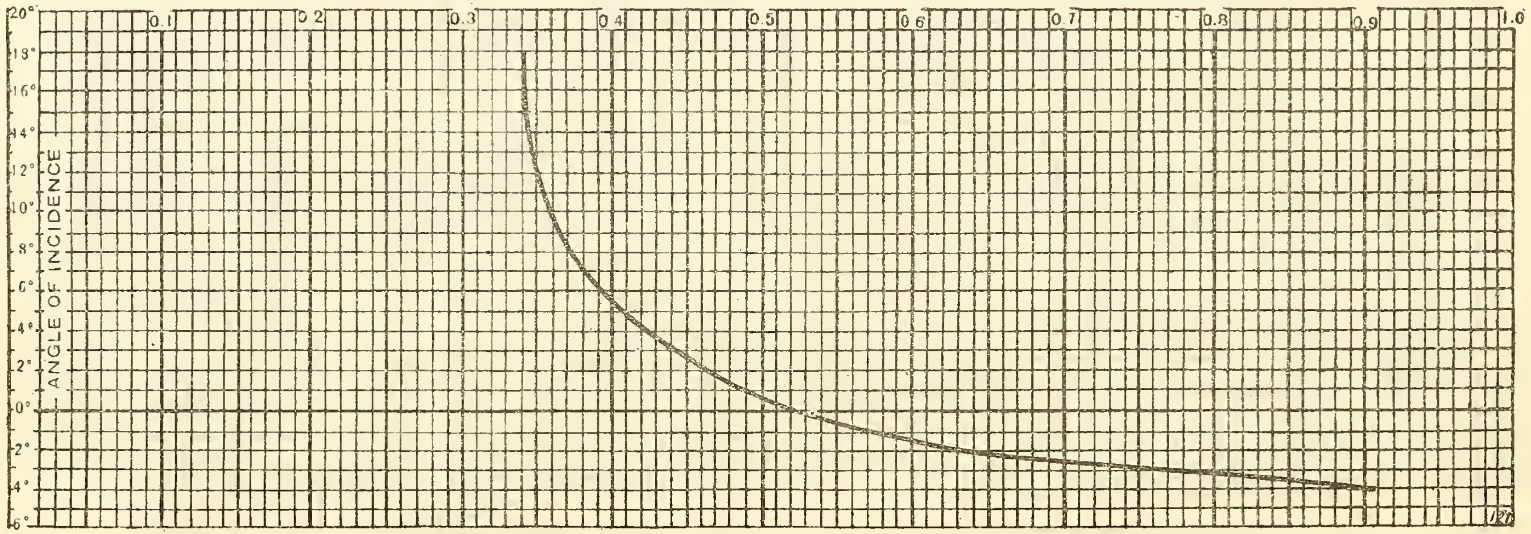
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

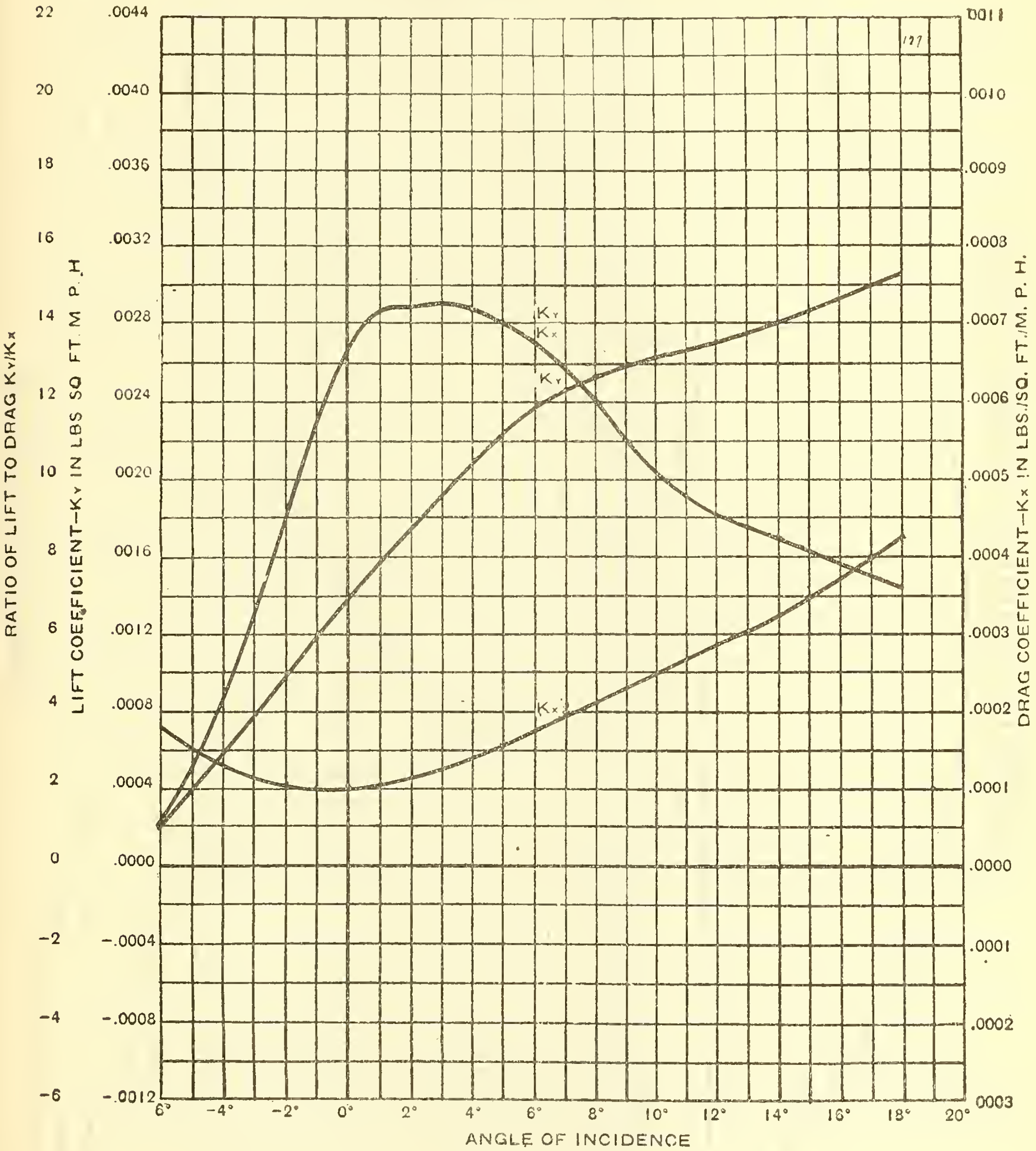


Distance from leading edge.......	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber....................	.0104	.0208	.0833	.128	.152	.16	.155	.143	.123	.0967	.0615	.0208	.0104
Lower camber....................	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

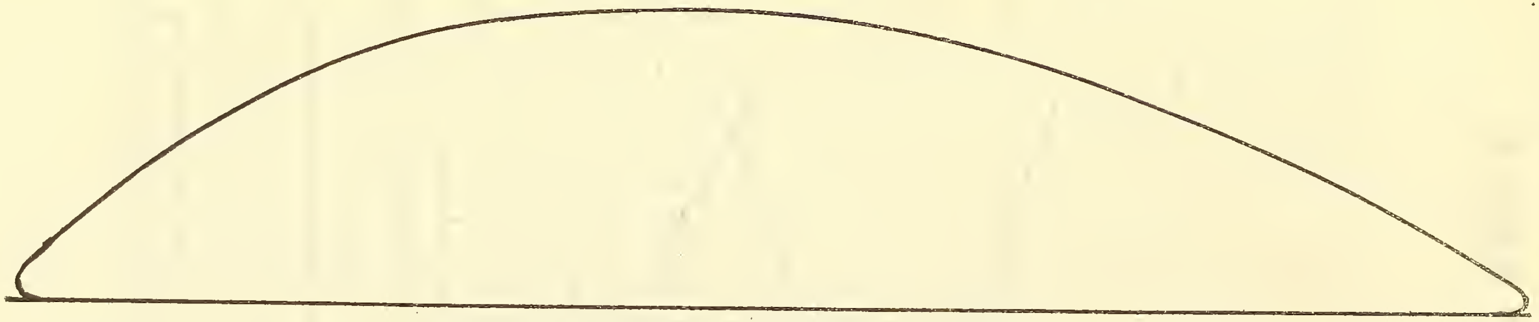
All dimensions given as decimal parts of chord.

AEROFOIL, COWLEY & LEVY B No. 6.

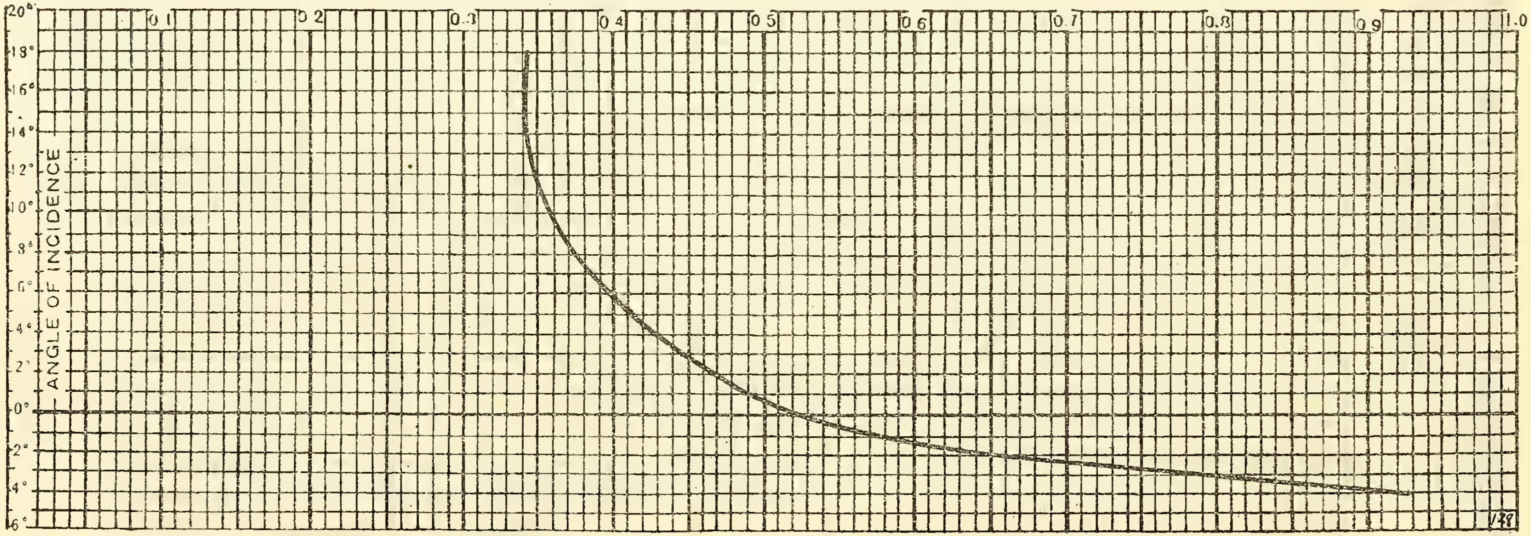
SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, COWLEY & LEVY B No. 7.



CURVE OF CENTER OF PRESSURE TRAVEL

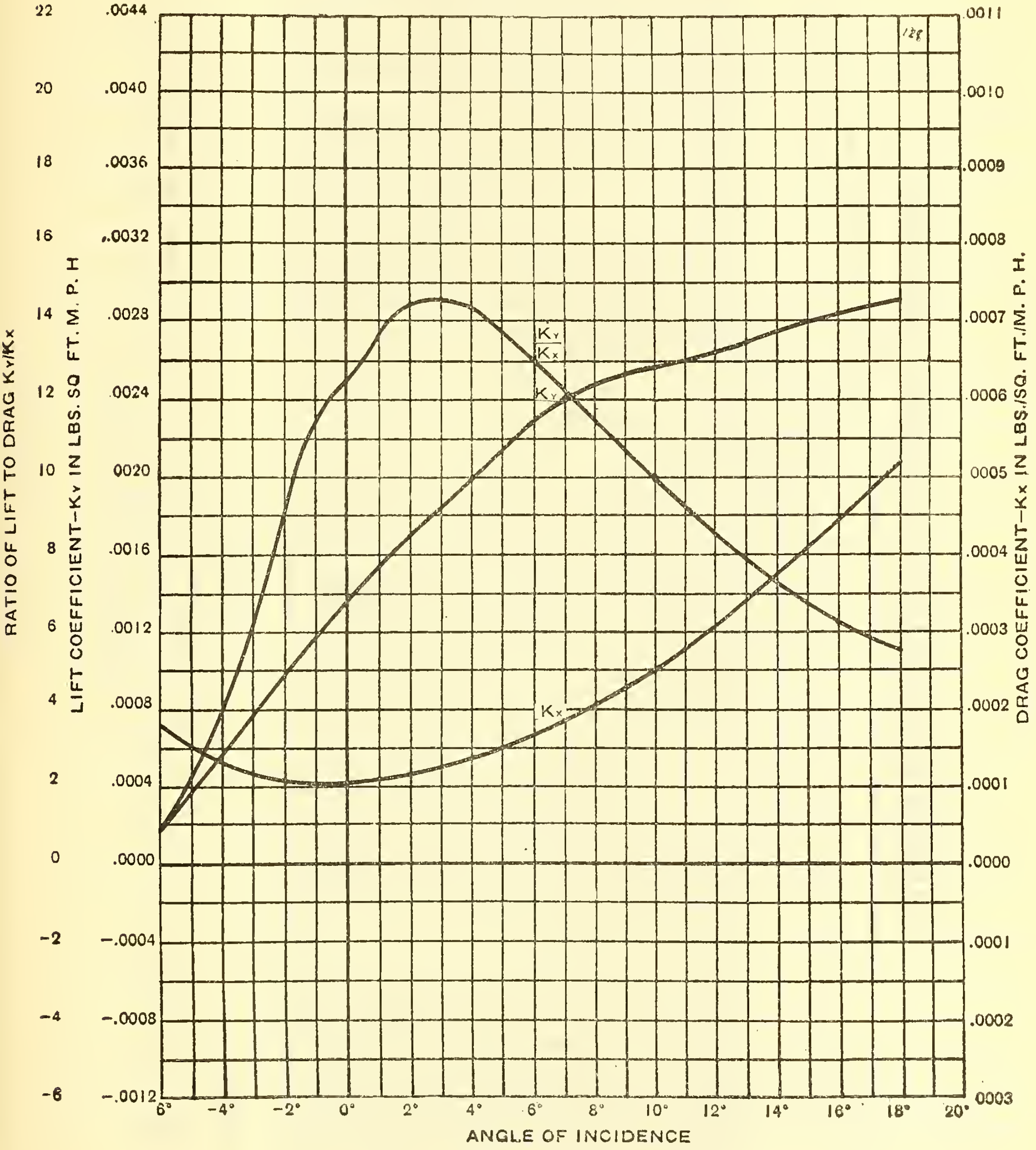


Distance from leading edge	0	.0104	.10	.20	.30	.375	.50	.60	.70	.80	.90	.989	1.00
Upper camber	.0104	.0208	.106	.166	.194	.20	.195	.18	.156	.122	.075	.0208	.0104
Lower camber	.0104	0	0	0	0	0	0	0	0	0	0	0	.0104

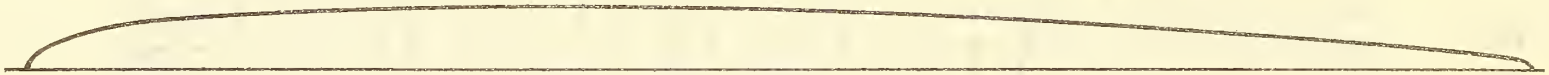
All dimensions given as decimal parts of chord.

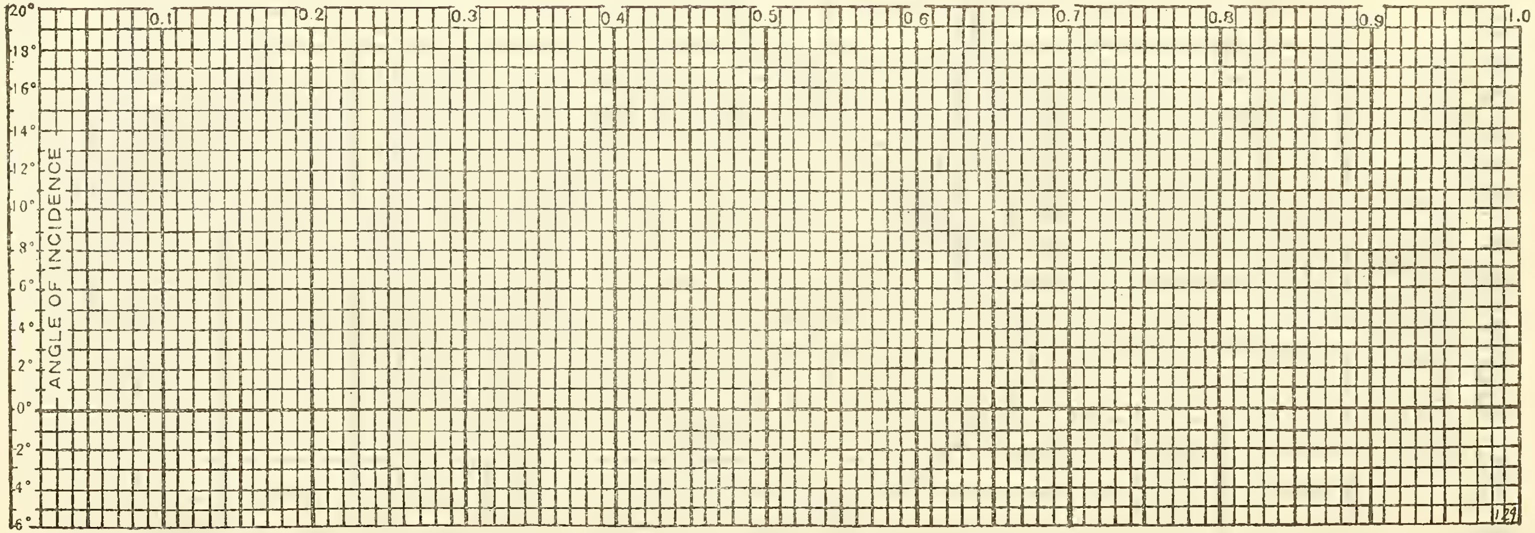
AEROFOIL, COWLEY & LEVY B No. 7.

SIZE OF MODEL, 36 BY 6 INCHES.
VELOCITY OF WIND, 47.7 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 1.



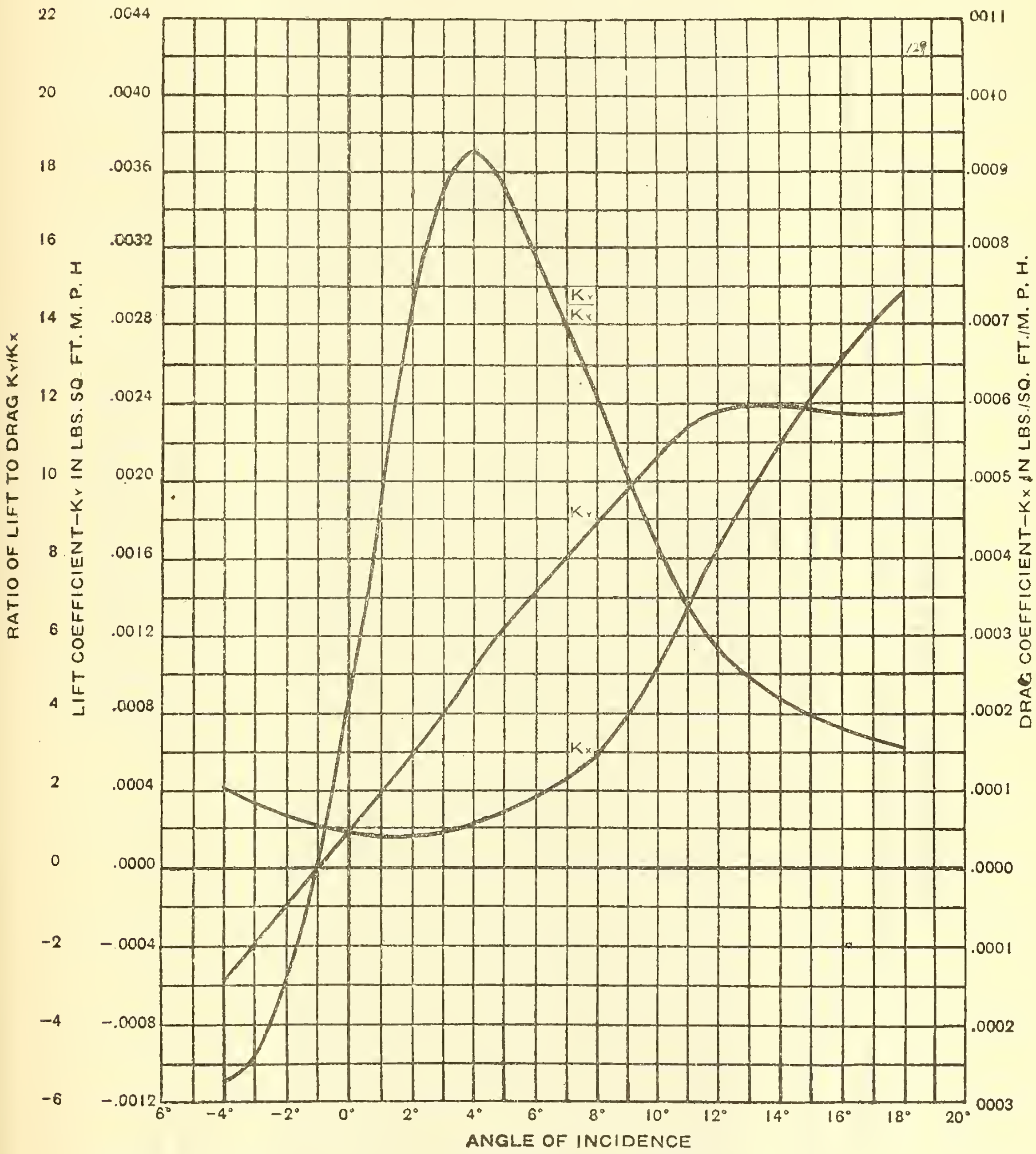

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.01	.014	.018	.020	.025	.029	.033	.036	.038	.039	.037	.036	.034	.030	.024	.016	.011	.008	.007	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

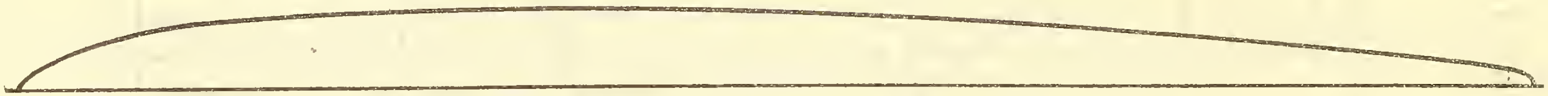
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 1.

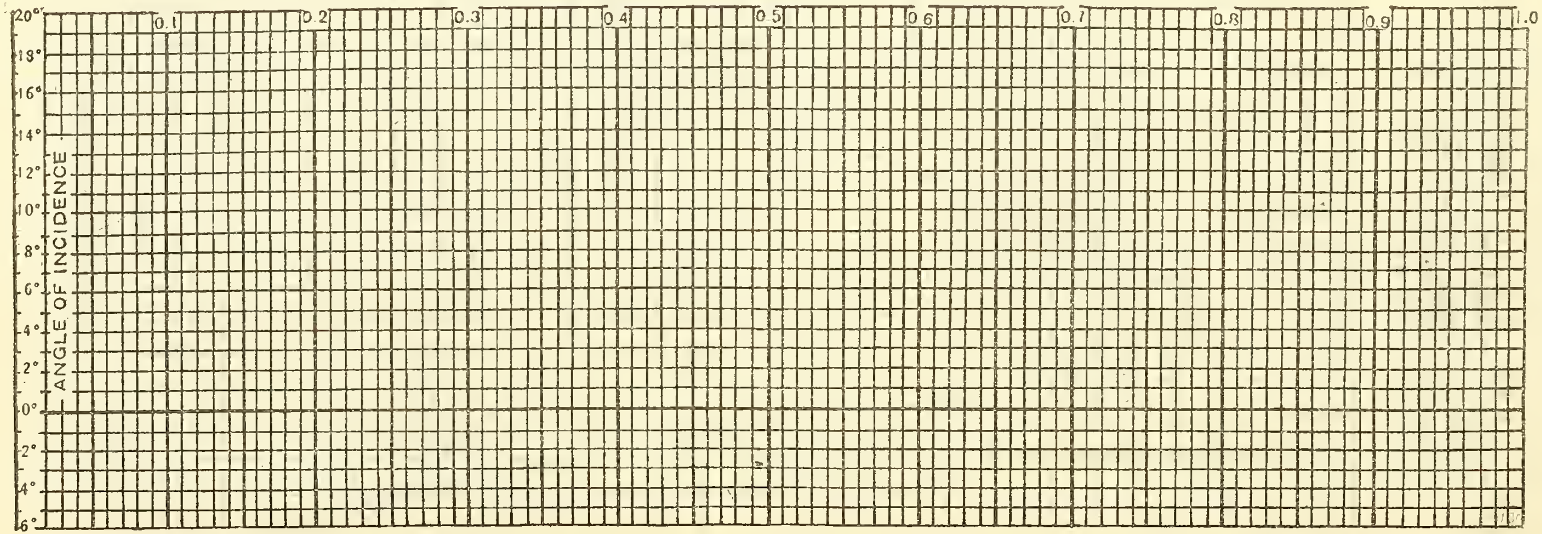
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

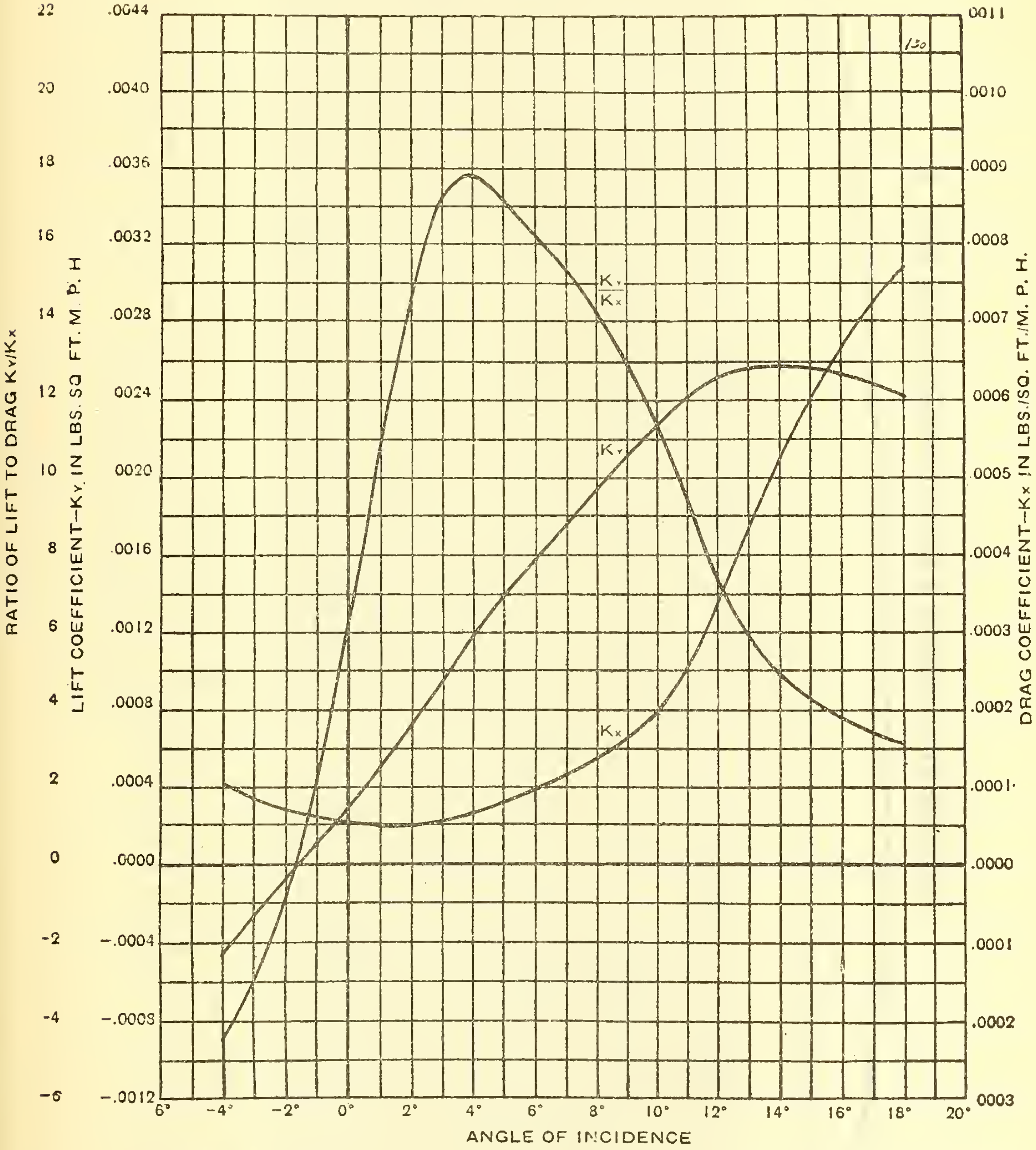


Distance from leading edge.......	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber....................	0	.013	.018	.022	.026	.032	.037	.042	.046	.049	.05	.049	.047	.044	.038	.030	.021	.013	.010	.008	0
Lower camber....................	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

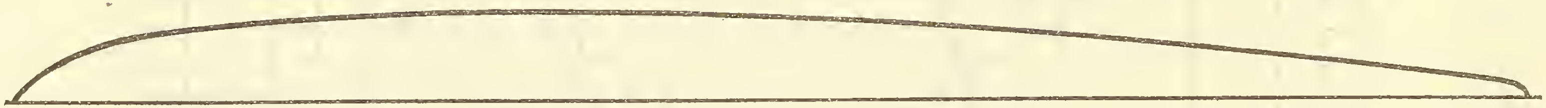
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 2.

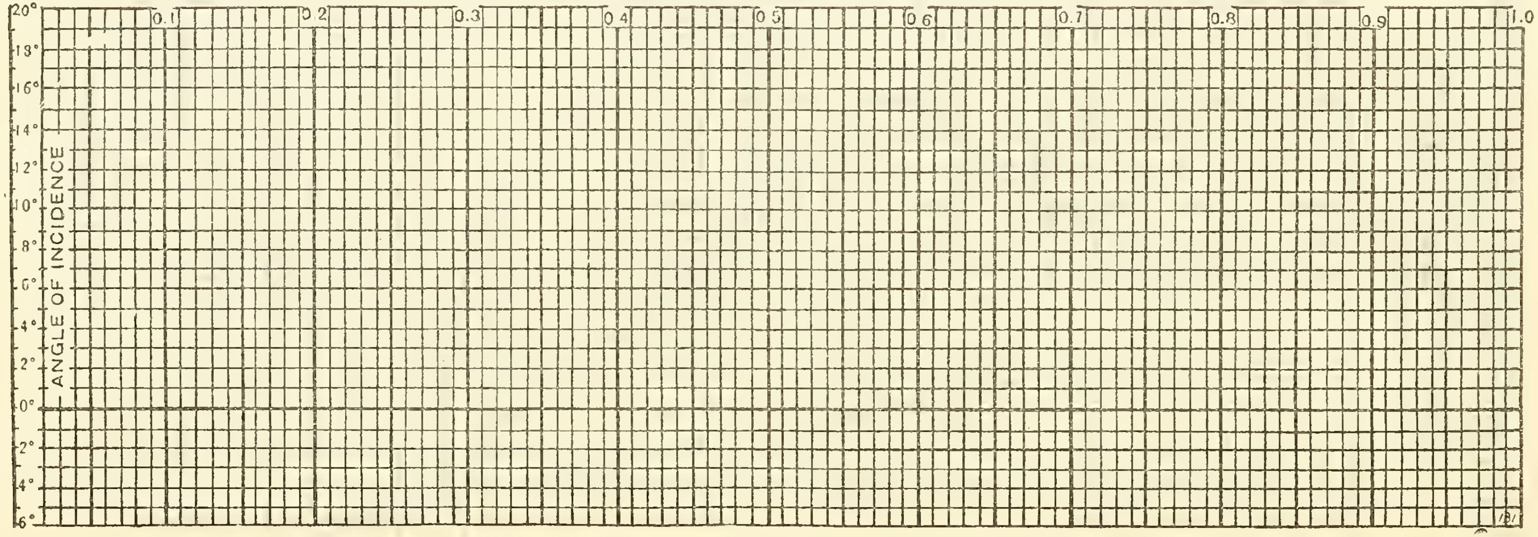
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

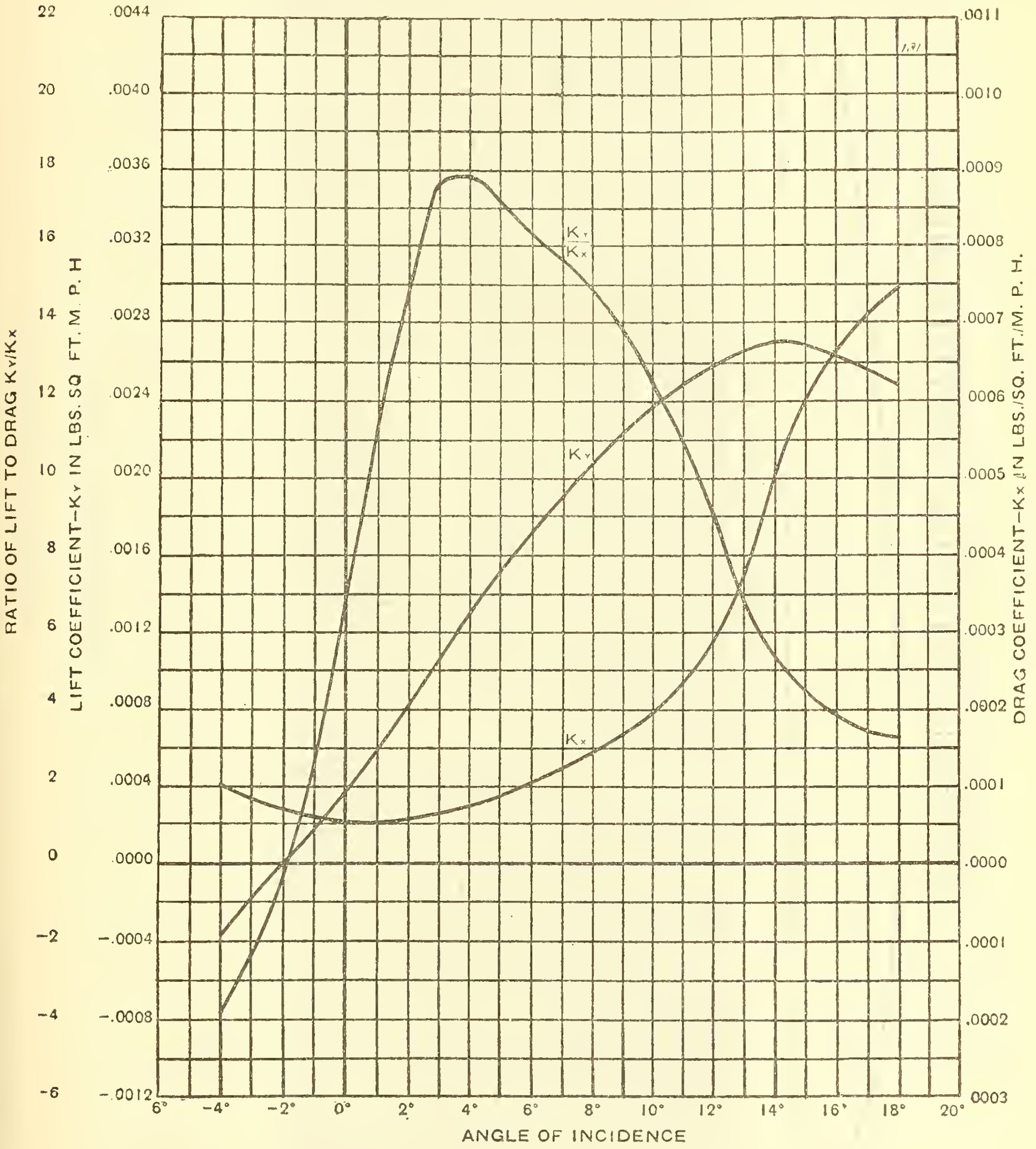


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.015	.021	.026	.030	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	.01	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

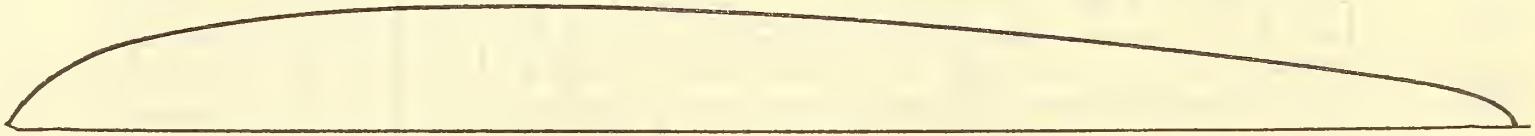
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 3.

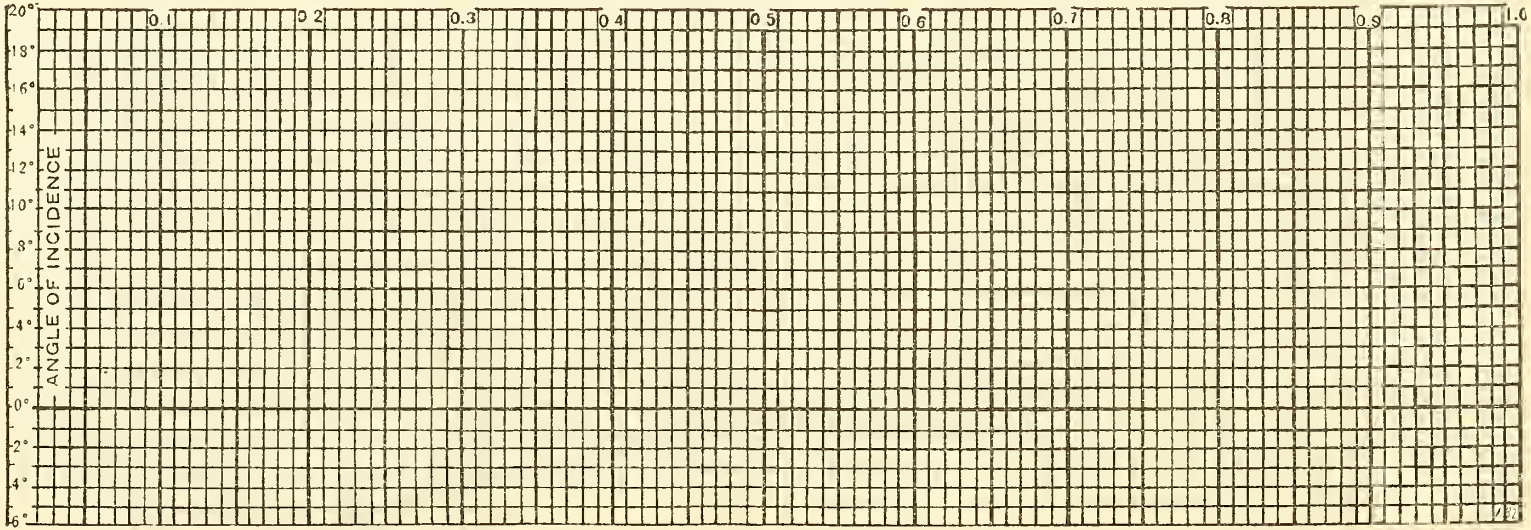
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

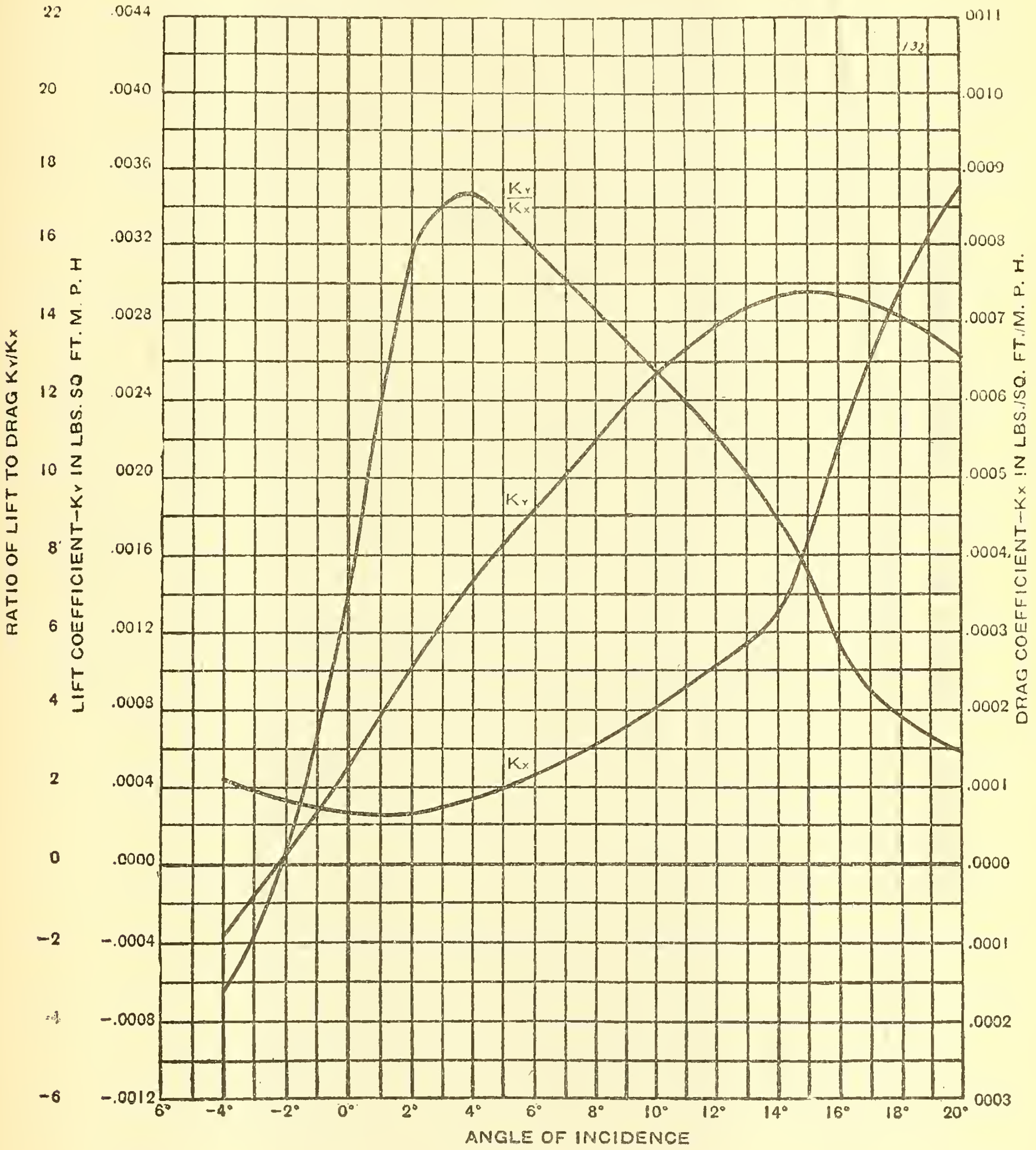


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.02	.028	.035	.04	.05	.057	.065	.071	.076	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

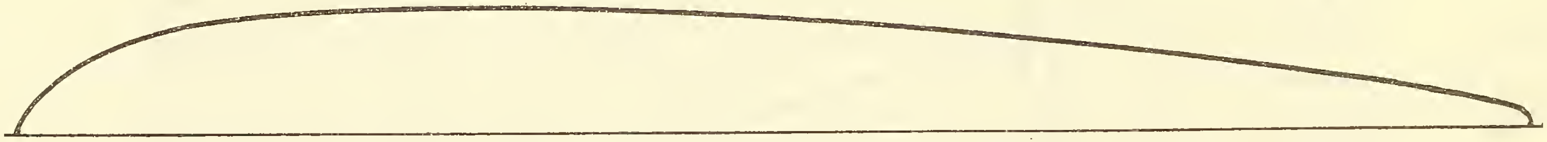
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 4.

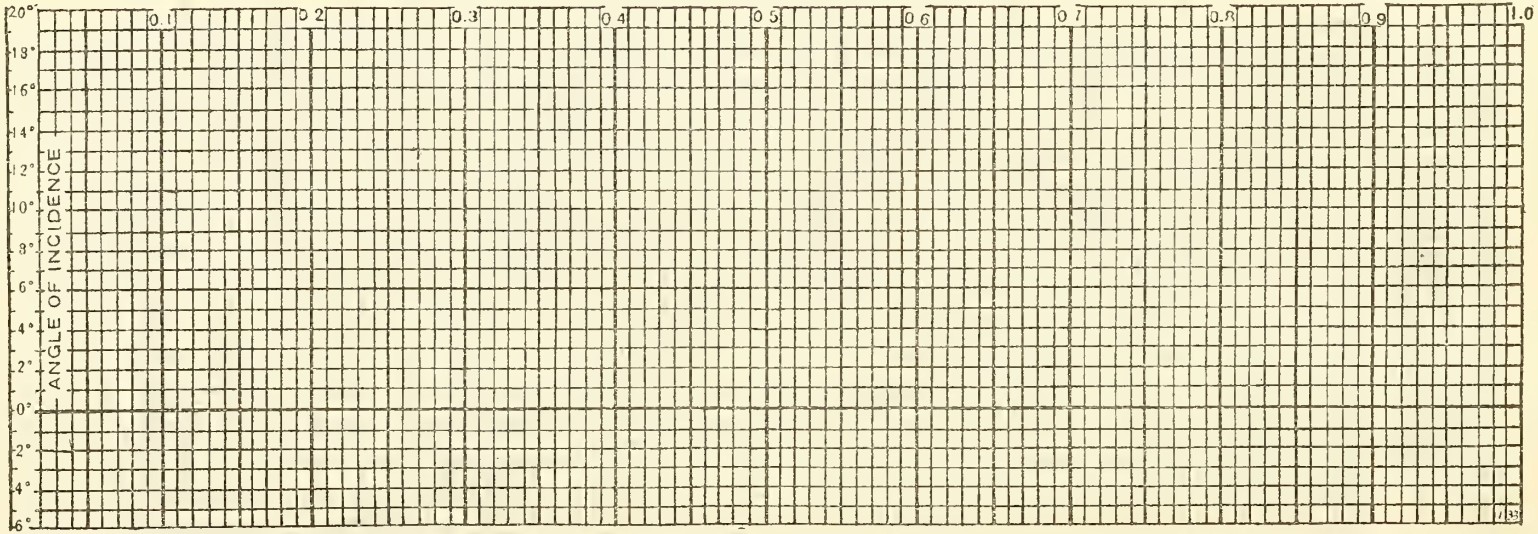
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

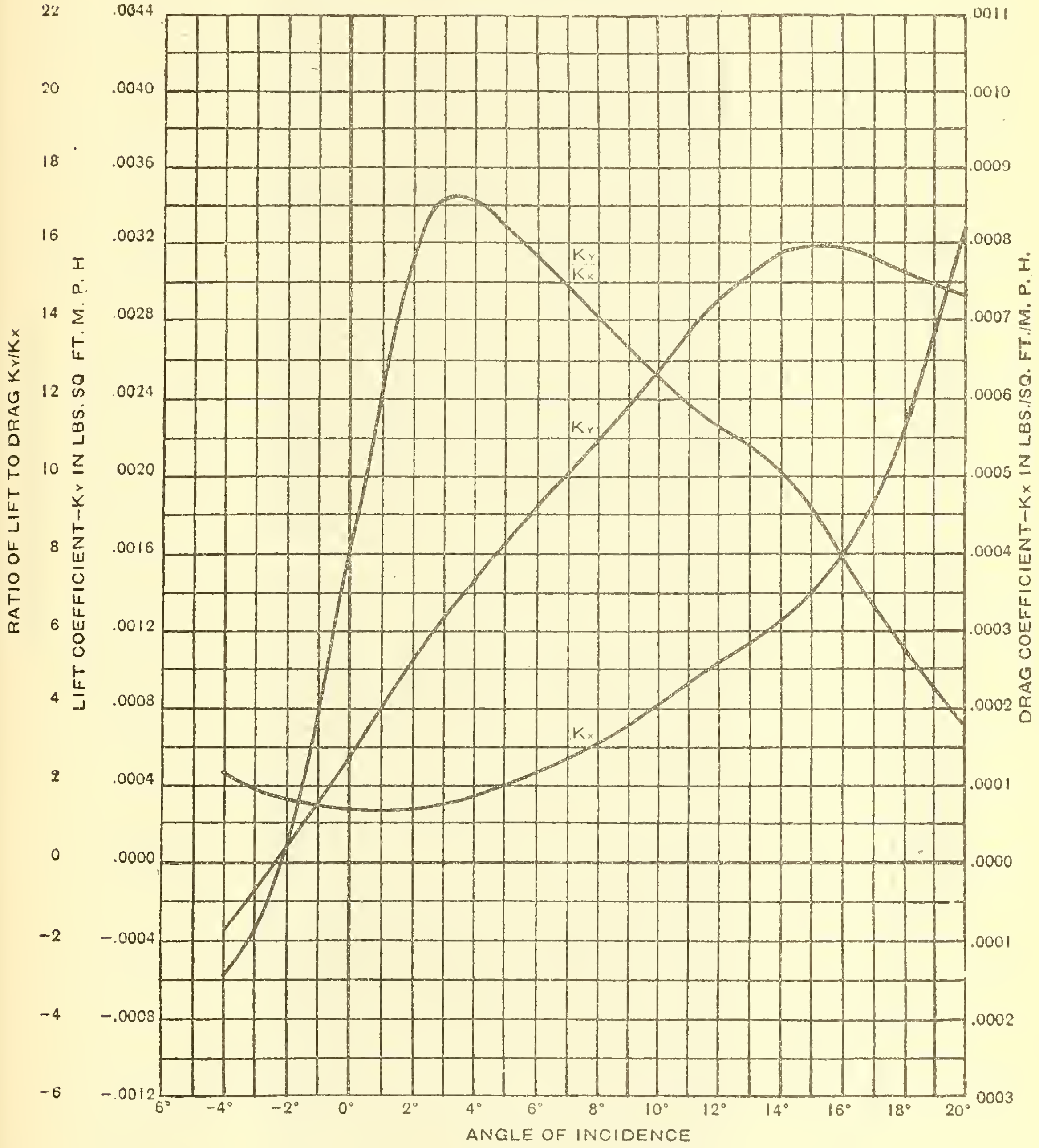


Distance from leading edge	0	.009	.0175	.0263	.035	.052	.07	.105	.14	.21	.28	.365	.47	.575	.683	.787	.895	.957	.977	.99	1.00
Upper camber	0	.02	.028	.035	.04	.05	.057	.065	.071	.076	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

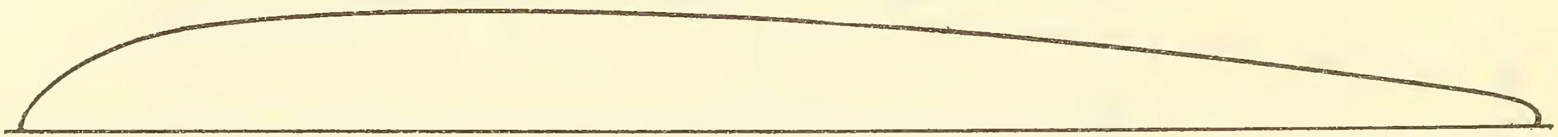
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 5.

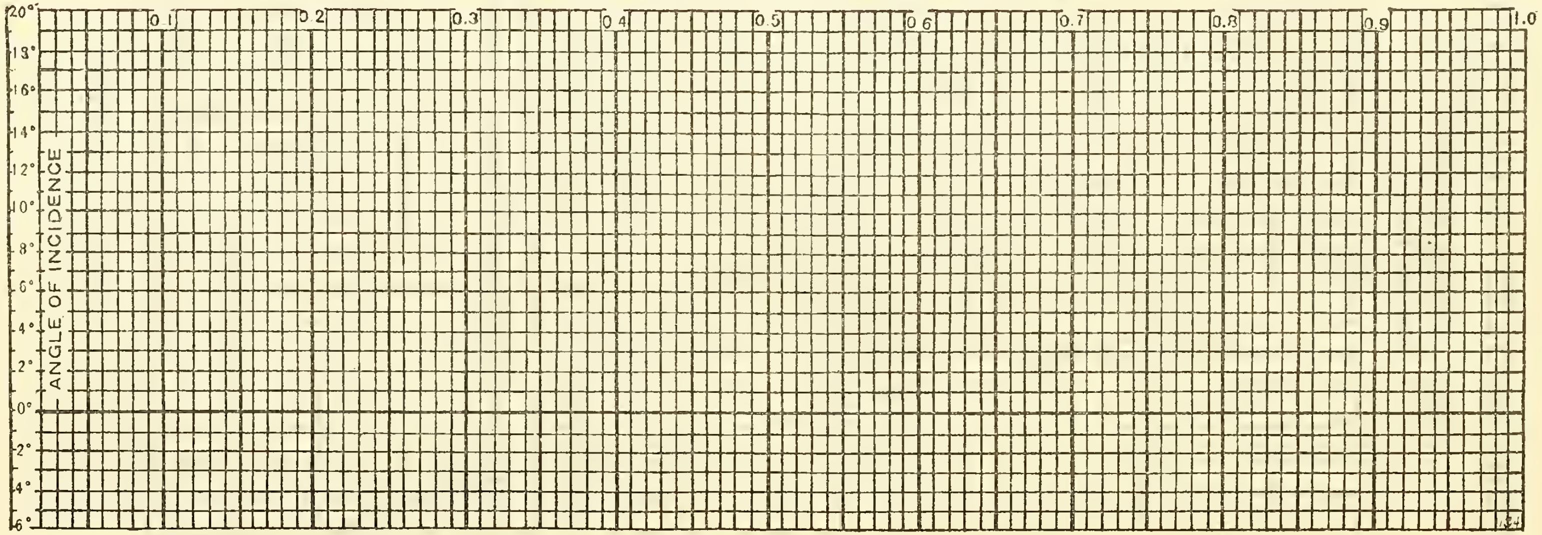
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

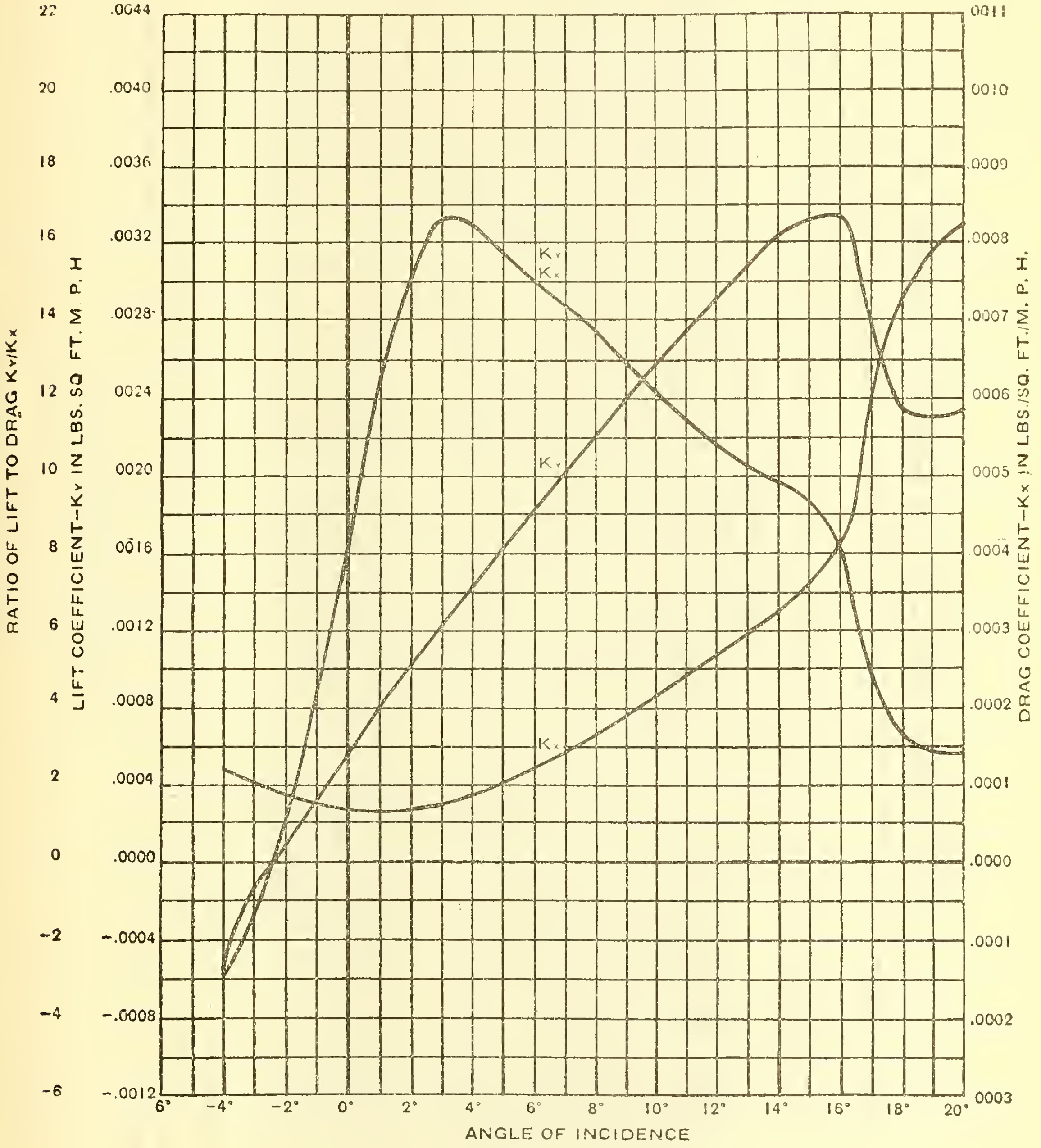


Distance from leading edge	0	.0075	.015	.023	.03	.045	.06	.09	.12	.18	.24	.33	.44	.552	.665	.775	.887	.955	.977	.988	1.00
Upper camber	0	.02	.028	.035	.04	.05	.057	.065	.071	.076	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

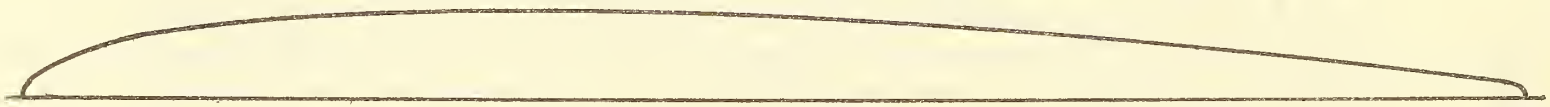
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 6.

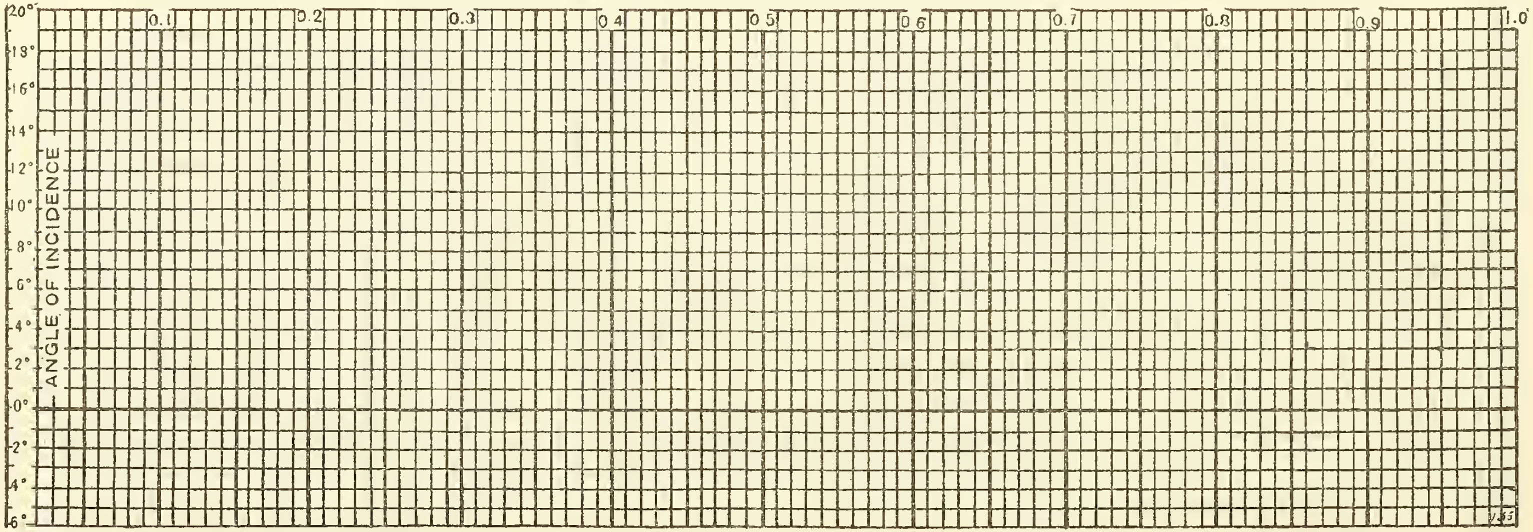
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 7.



CURVE OF CENTER OF PRESSURE TRAVEL

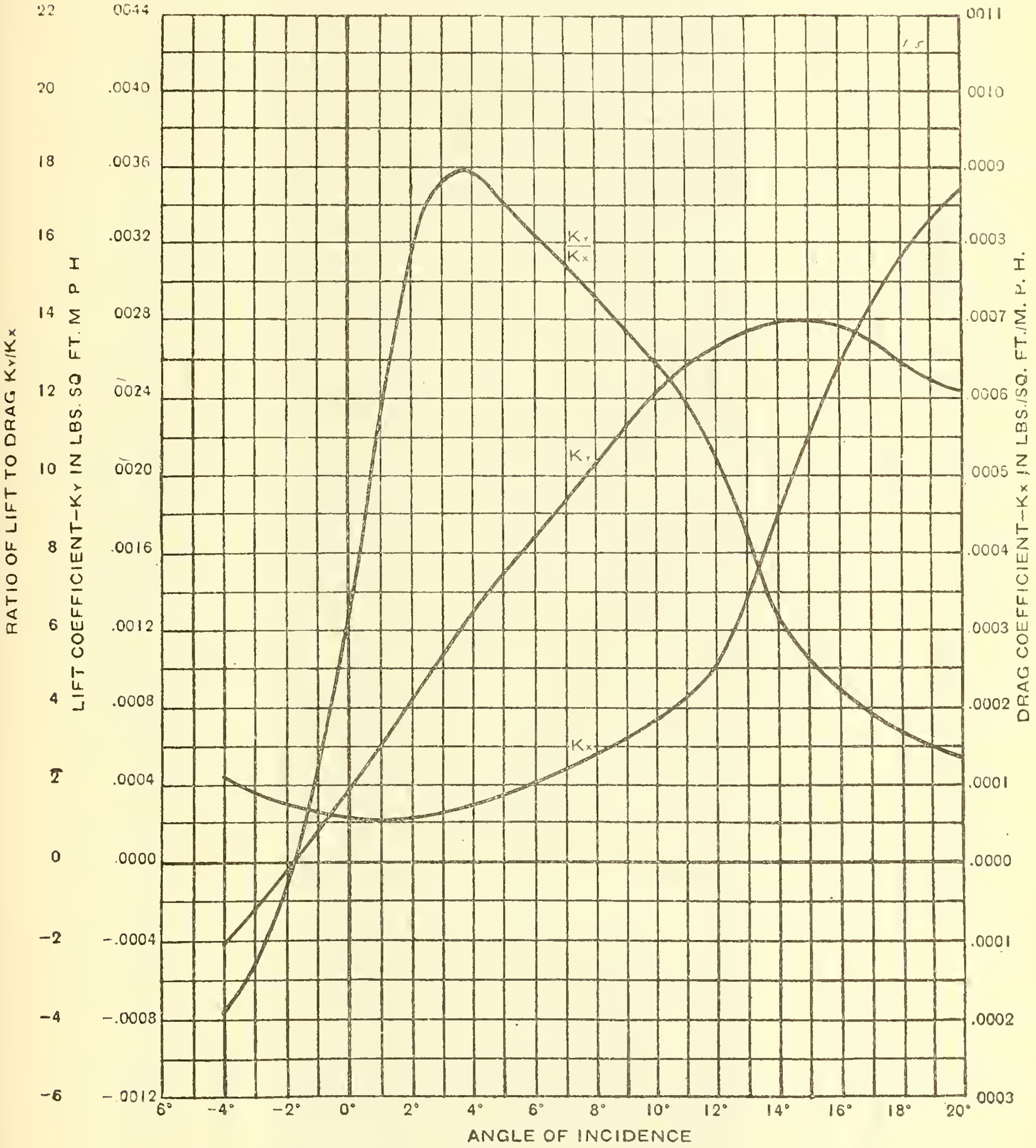


Distance from leading edge	0	.009	.0175	.0263	.035	.052	.07	.105	.14	.21	.28	.365	.47	.575	.683	.787	.895	.957	.977	.99	1.00
Upper camber	0	.015	.021	.026	.030	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	.01	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

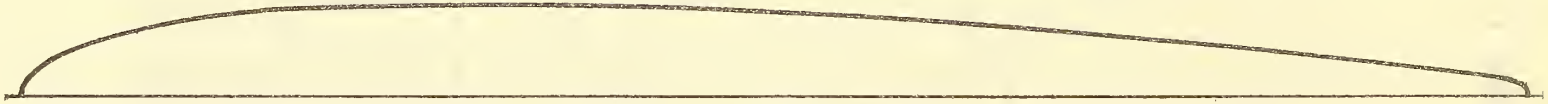
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 7.

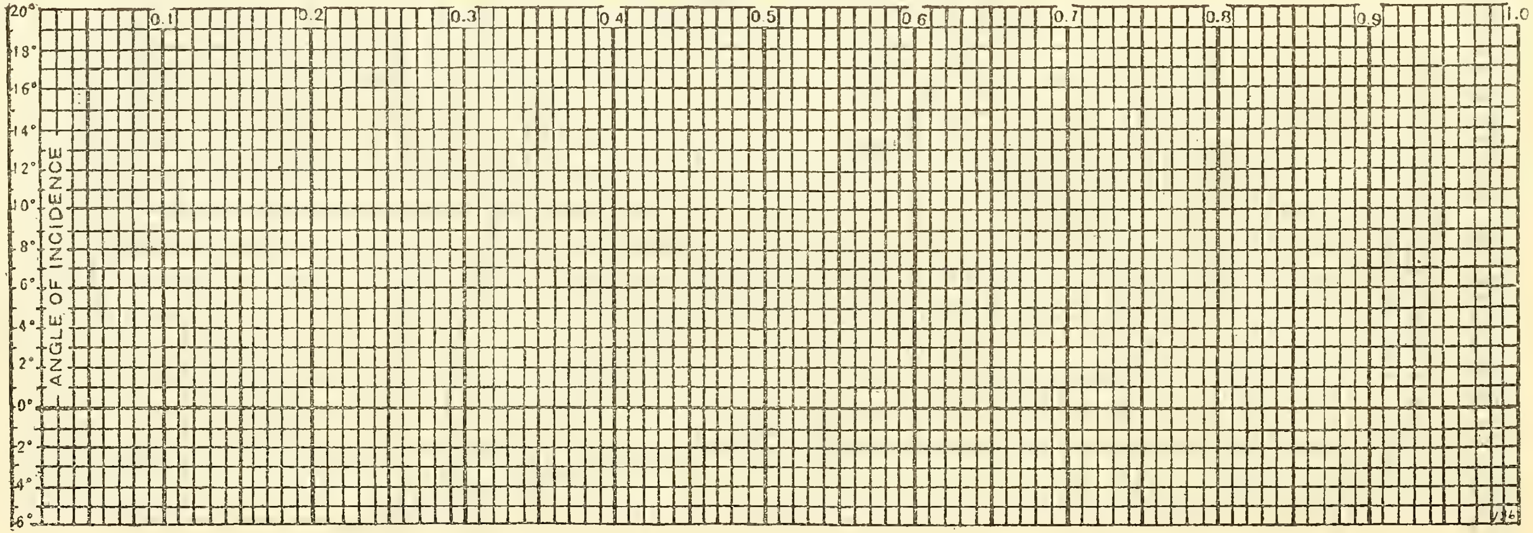
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 8.



CURVE OF CENTER OF PRESSURE TRAVEL

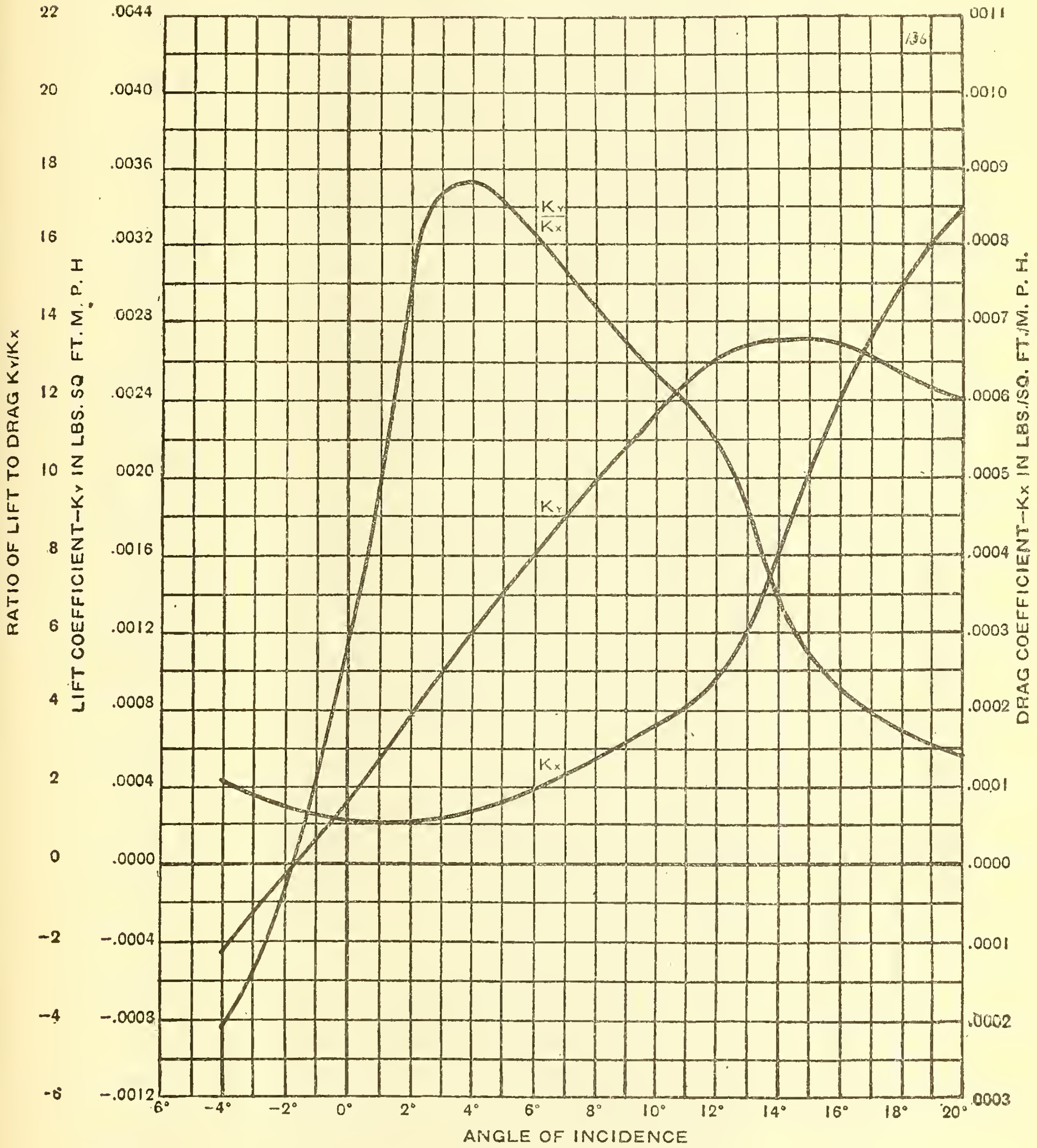


Distance from leading edge	0	.0075	.015	.023	.03	.045	.06	.09	.12	.18	.24	.33	.44	.552	.665	.775	.887	.955	.988	1.00
Upper camber	0	.015	.021	.026	.03	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

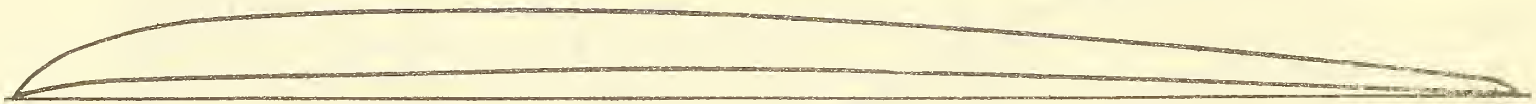
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 8.

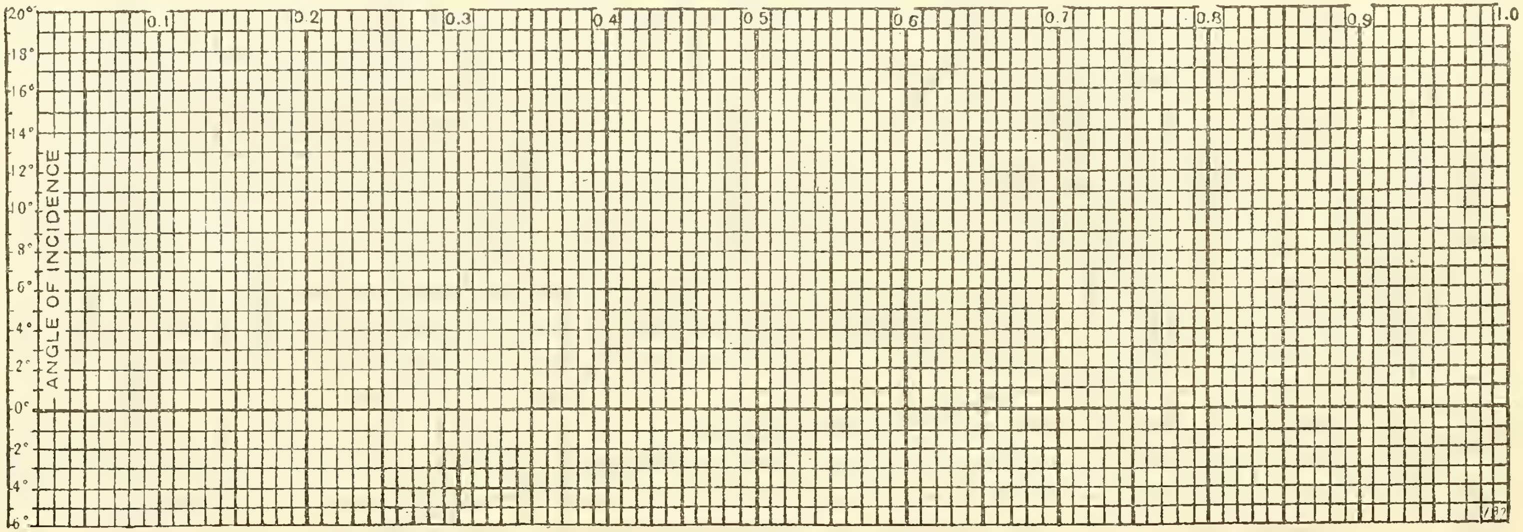
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 9.



CURVE OF CENTER OF PRESSURE TRAVEL

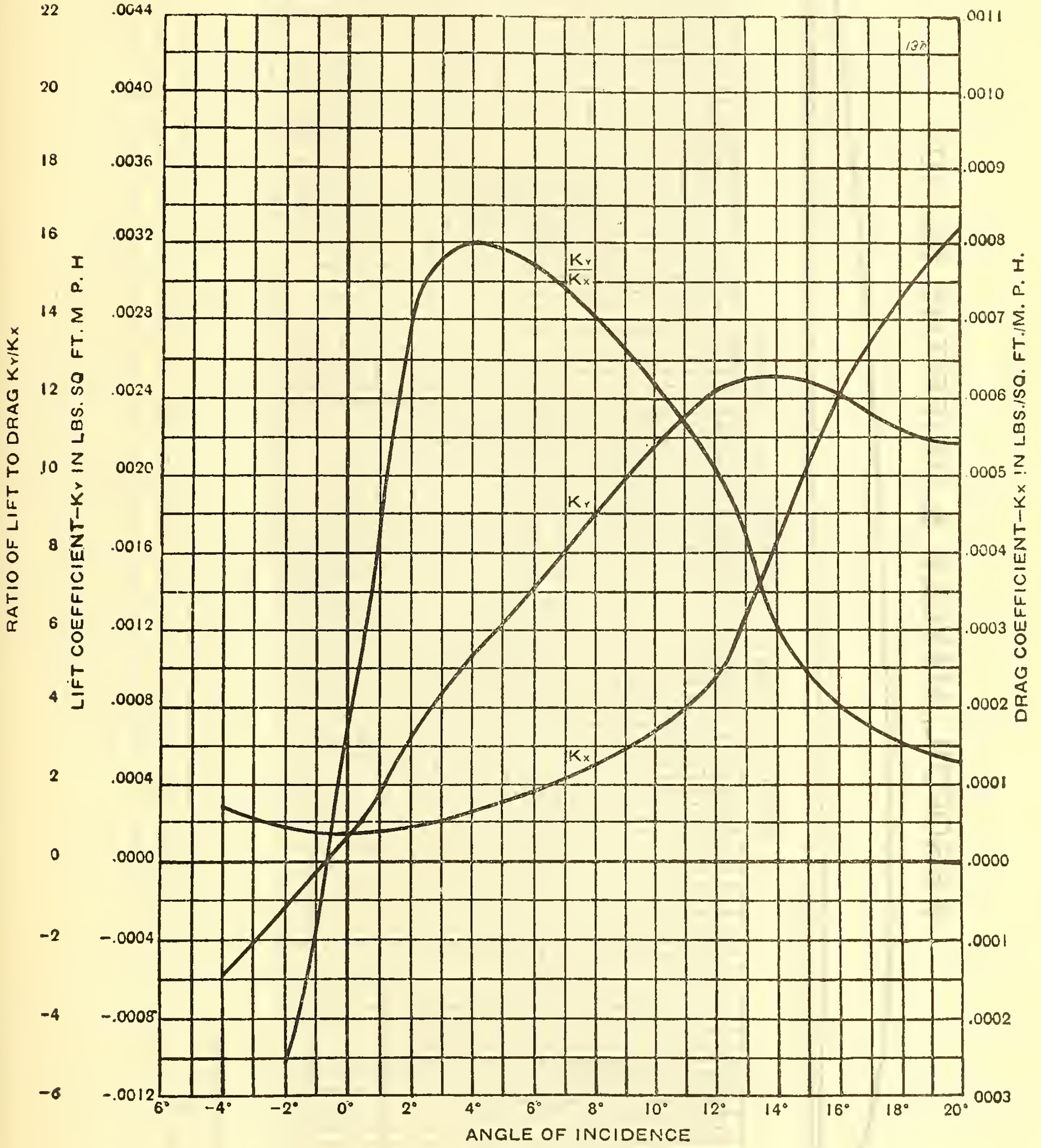


Distance from leading edge.......	0	.0075	.015	.023	.03	.045	.06	.09	.12	.18	.24	.33	.44	.552	.665	.775	.887	.955	.977	.988	1.00
Upper camber....................	0	.015	.021	.026	.03	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	.01	0
Lower camber....................	0	.0051	.0072	.0088	.0103	.0128	.0144	.0167	.018	.0195	.0201	.0197	.0187	.0174	.015	.0119	.0082	.0054	.0041	.003	0

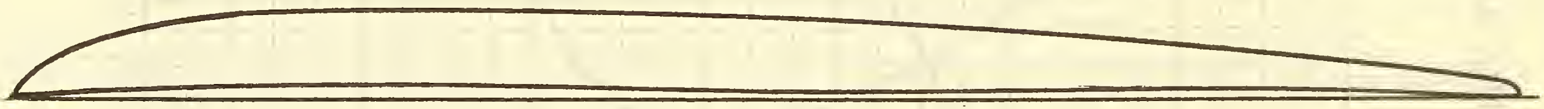
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 9.

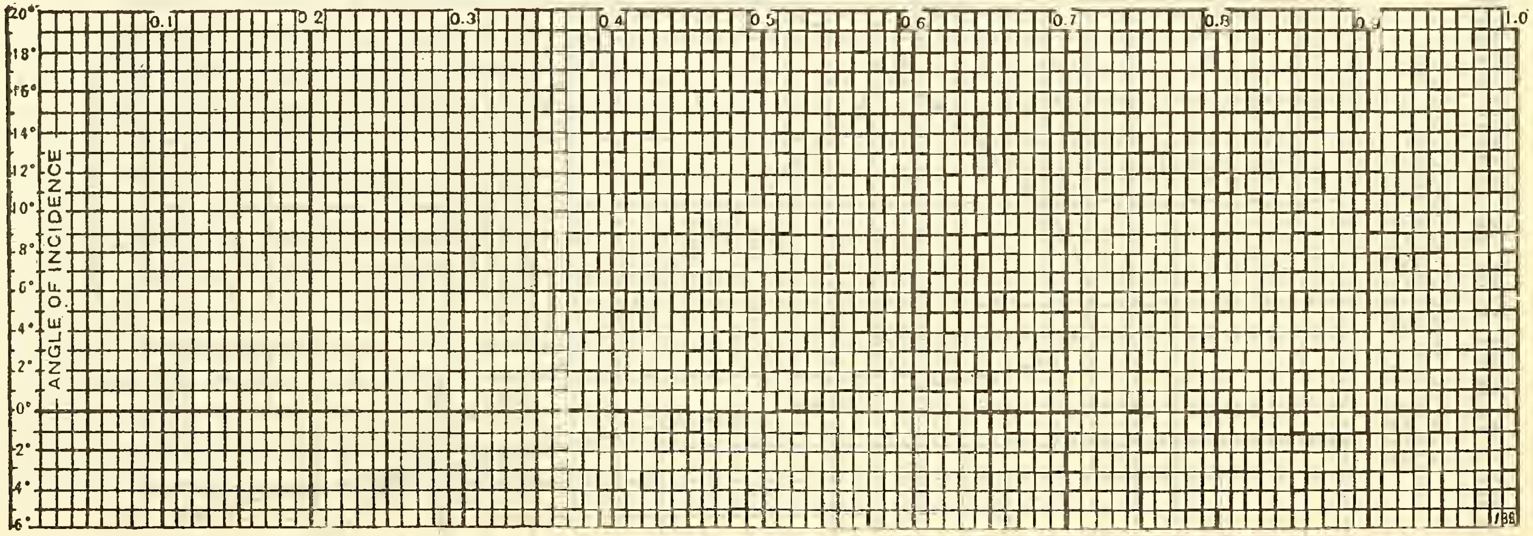
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 10.



CURVE OF CENTER OF PRESSURE TRAVEL

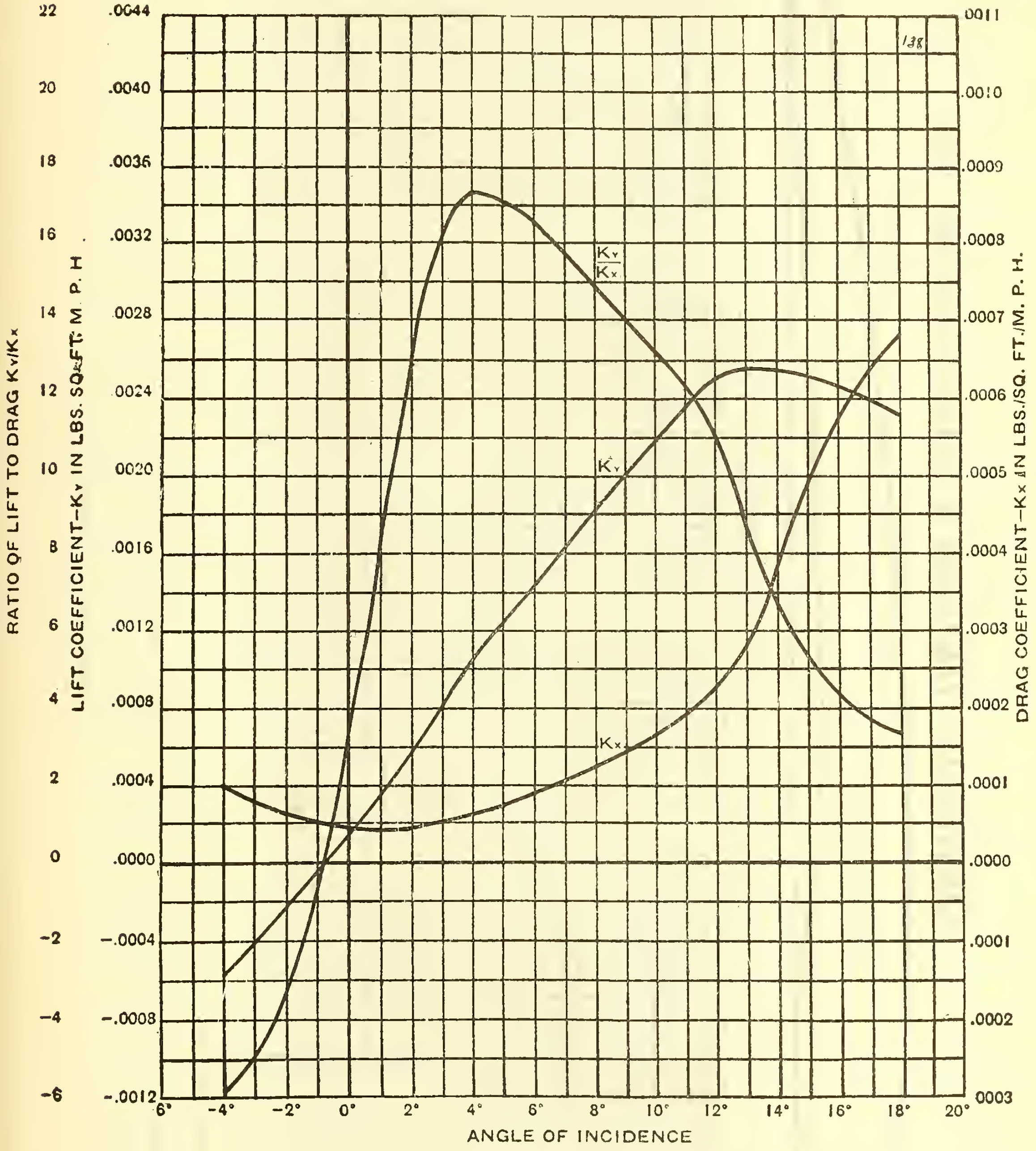


Distance from leading edge	0	.0075	.015	.023	.03	.045	.06	.09	.12	.18	.24	.33	.44	.552	.665	.775	.887	.955	.977	.988	1.00
Upper camber	0	.015	.021	.026	.03	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	.01	0
Lower camber	0	.0025	.0036	.0044	.0051	.0064	.0072	.0084	.009	.0097	.010	.0098	.0093	.0087	.0075	.0059	.0041	.0027	.002	.0015	0

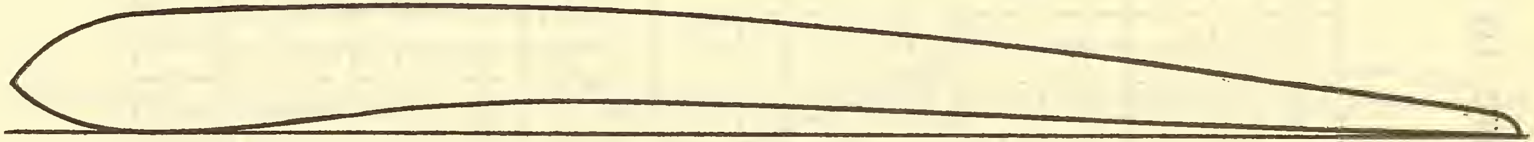
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 10.

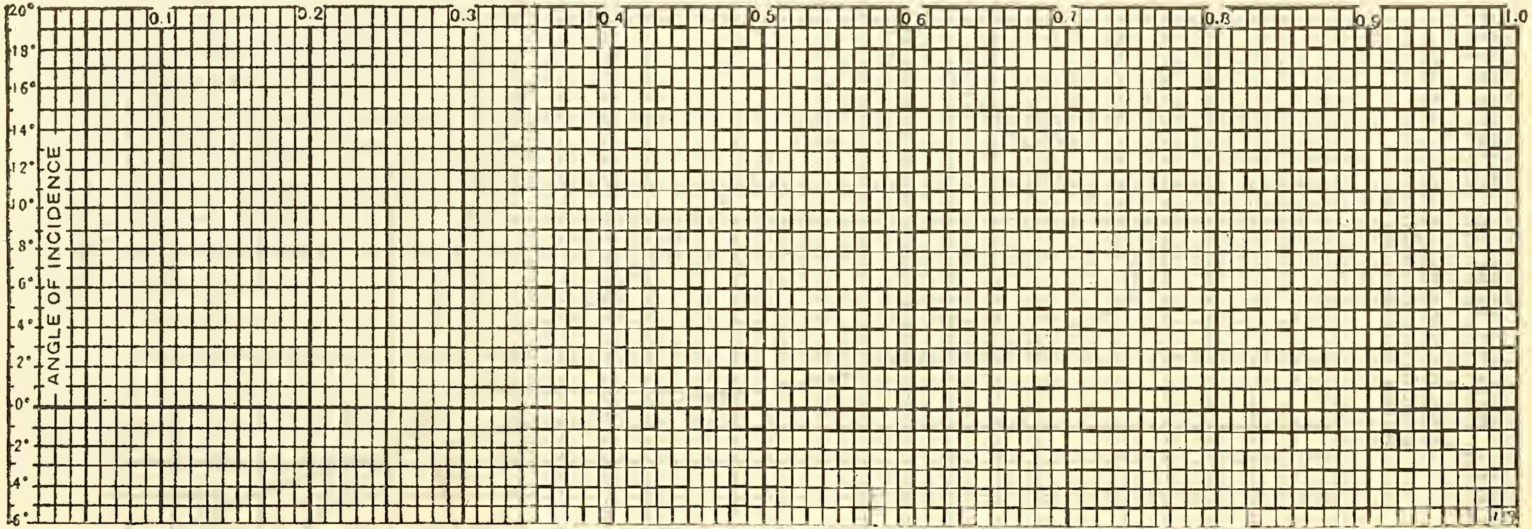
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 11.



CURVE OF CENTER OF PRESSURE TRAVEL

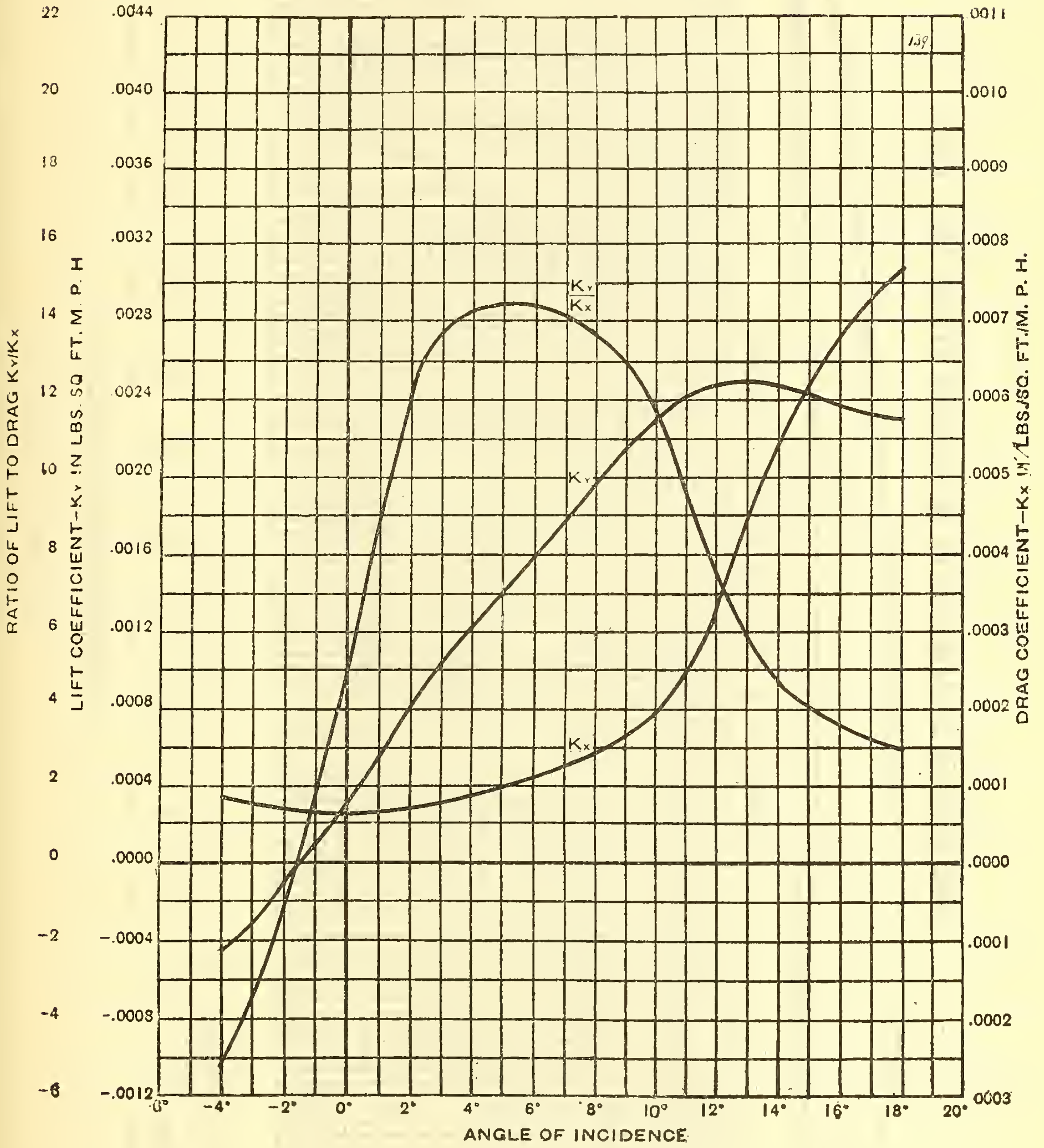


Distance from leading edge	0	.05	.11	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.033	.071	.082	.085	.083	.0775	.071	.063	.053	.04	.026	.01	0
Lower camber	.033	.0065	0	.01	.0225	.021	.0175	.0148	.011	.0075	.005	....	0

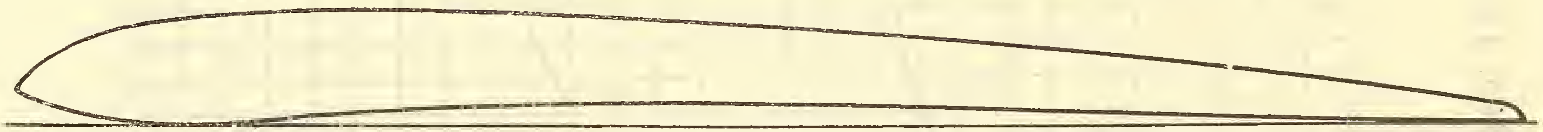
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 11.

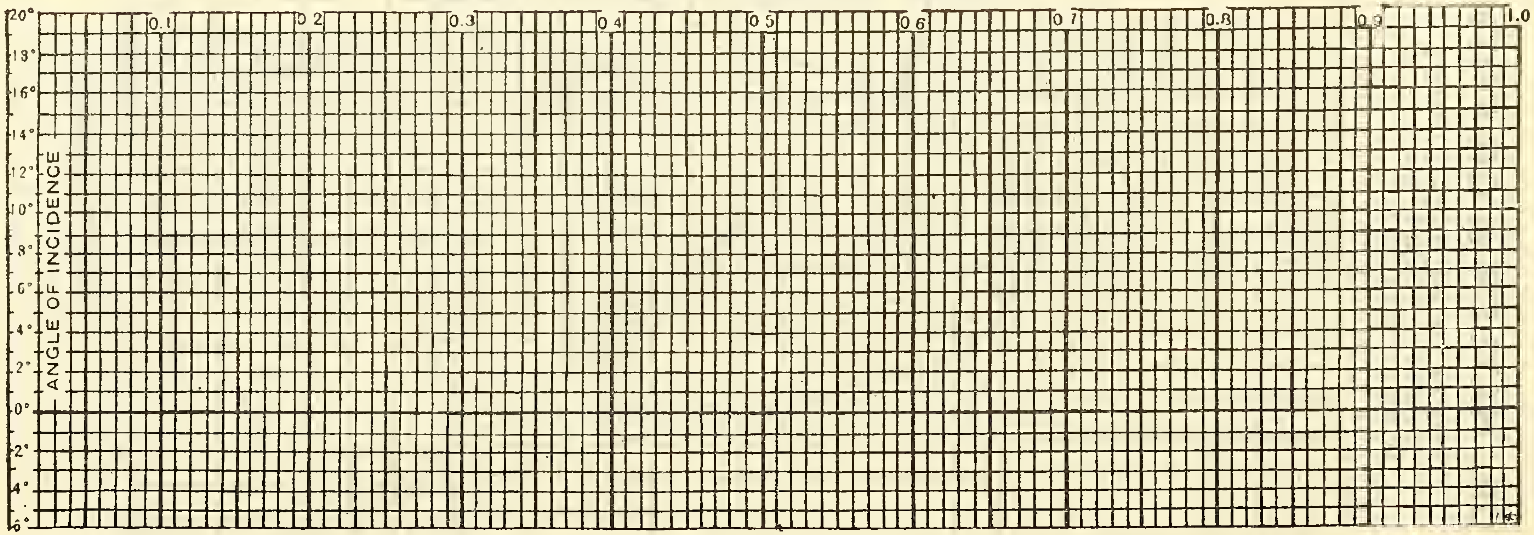
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 12.



CURVE OF CENTER OF PRESSURE TRAVEL

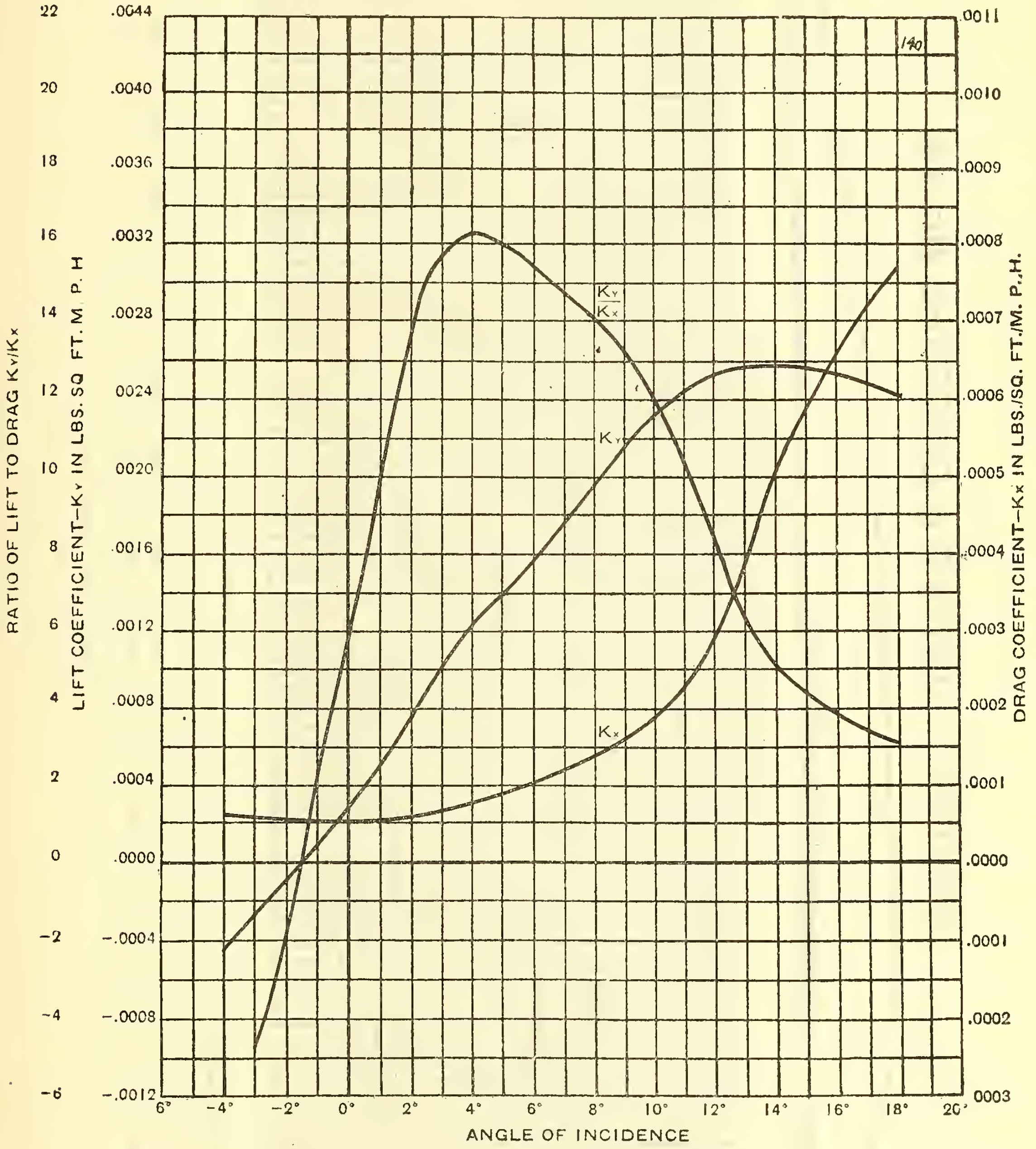


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.0225	.06	.07	.076	.075	.07	.064	.0575	.0499	.0375	.025	.01	0
Lower camber	.0225	.005	0	.006	.014	.014	.0125	.01	.0075	.005	.0025	0	0

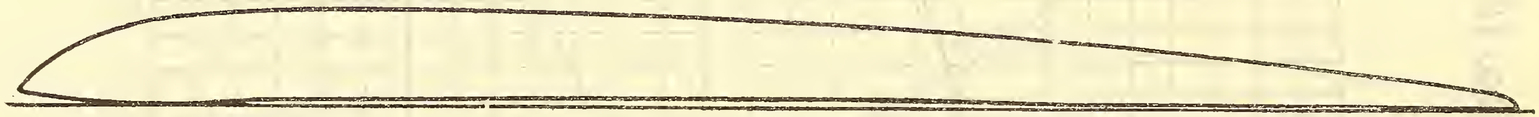
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 12.

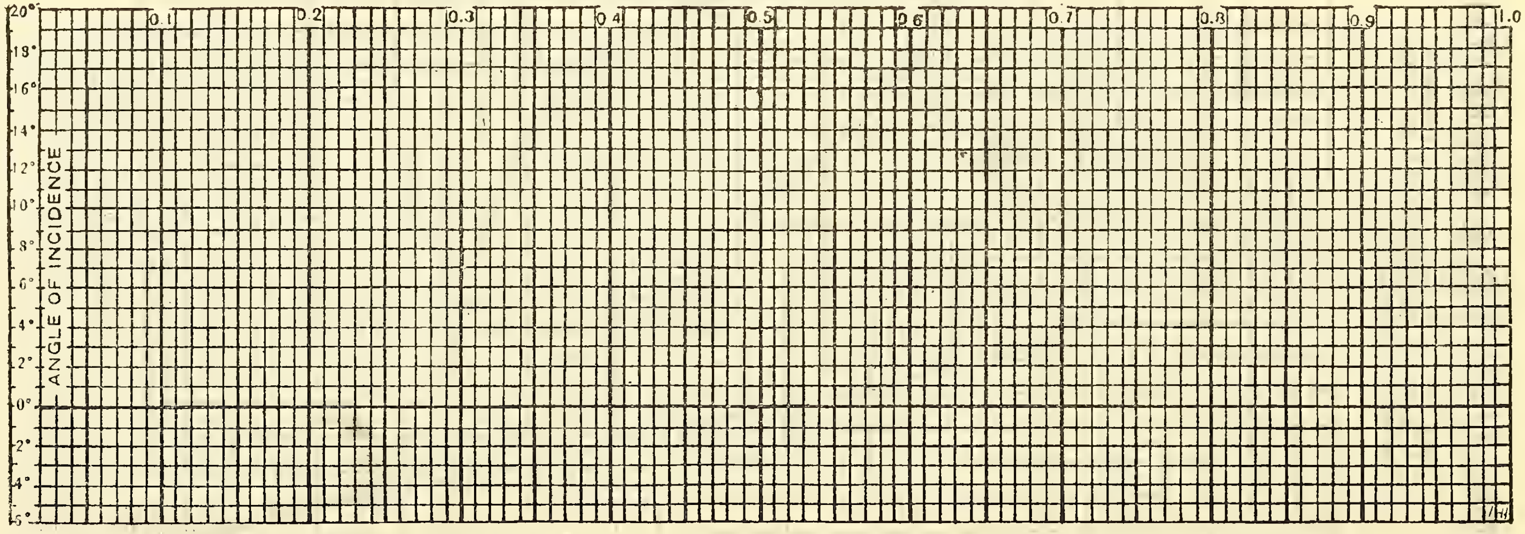
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 13.



CURVE OF CENTER OF PRESSURE TRAVEL

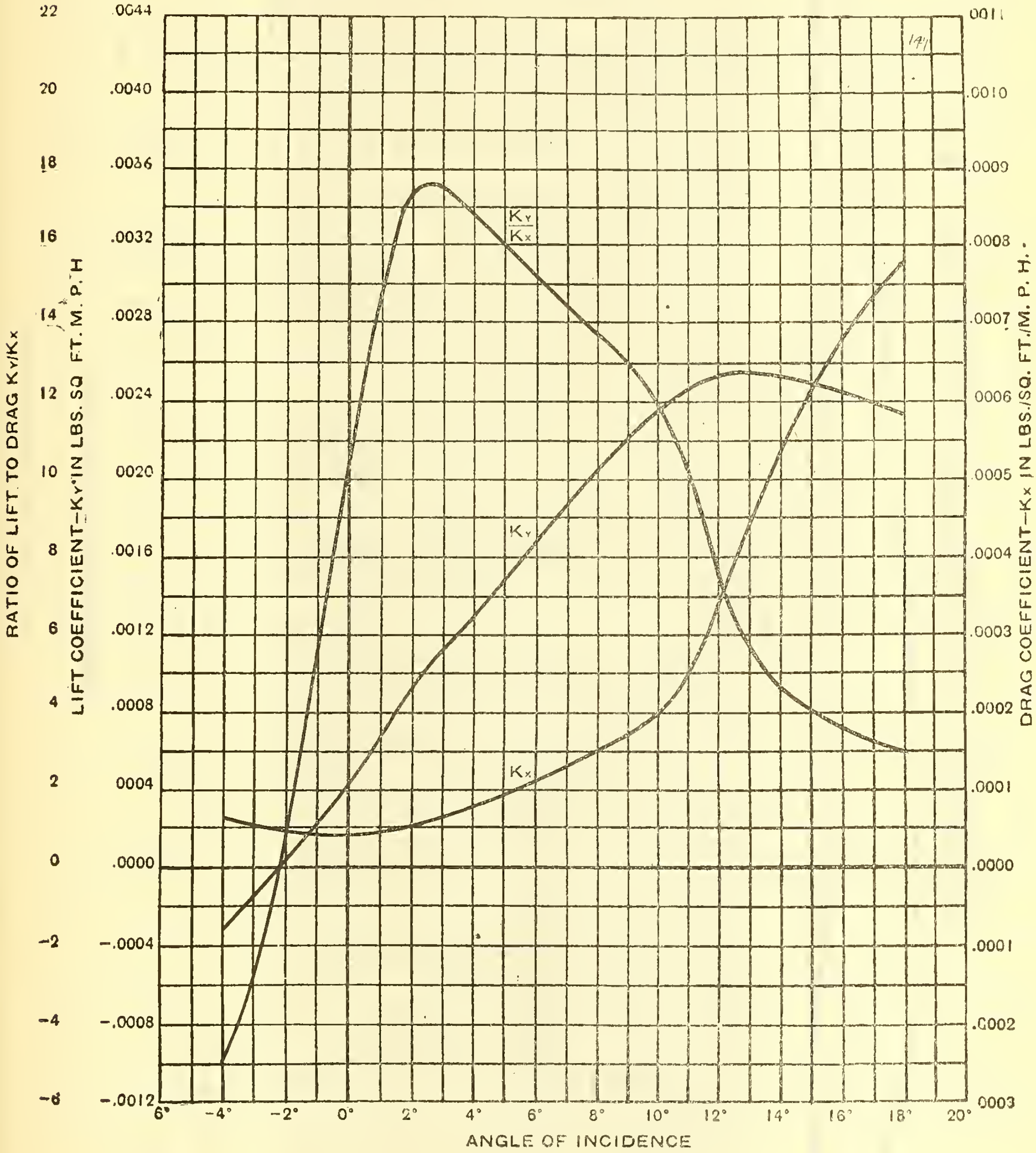


Distance from leading edge	0	.05	.12	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.01	.05	.063	.0675	.066	.064	.058	.053	.045	.034	.023	.01	0
Lower camber	.01	.005	0	.006	.0075	.006	.0055	.005	.004	.0025	.001	....	0

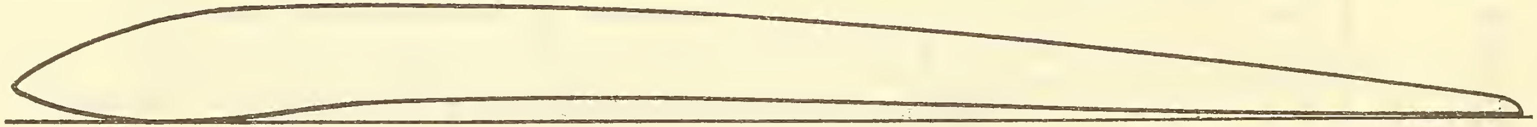
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 13.

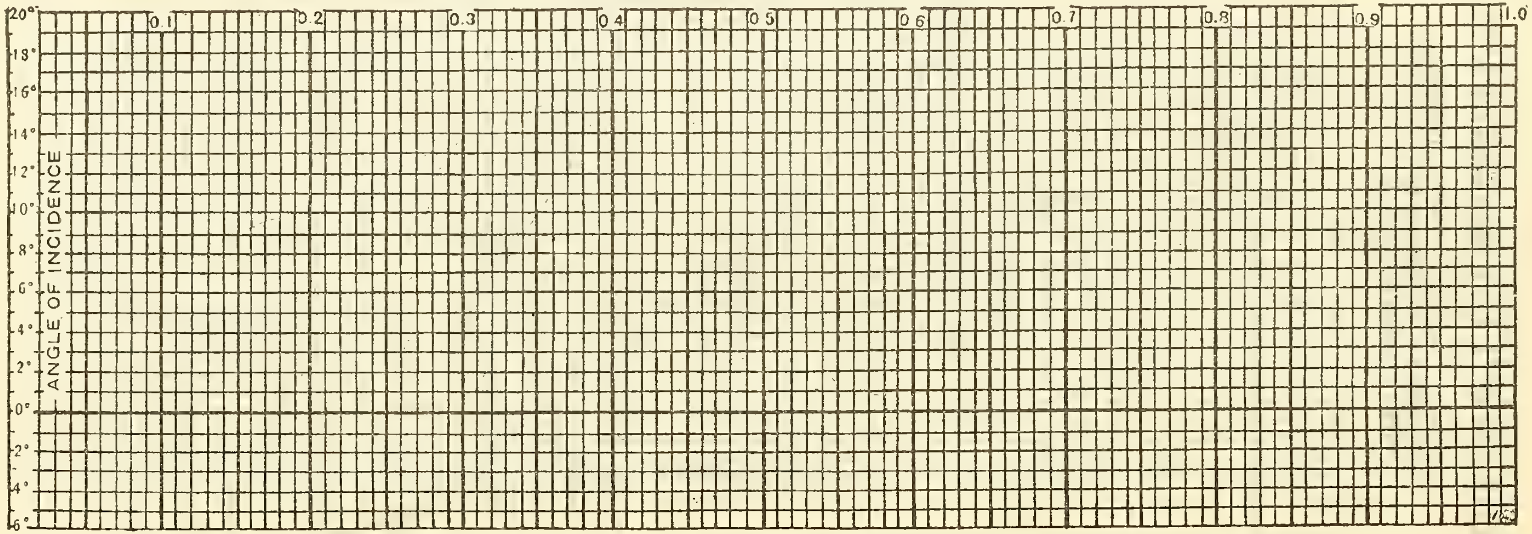
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 14.



CURVE OF CENTER OF PRESSURE TRAVEL

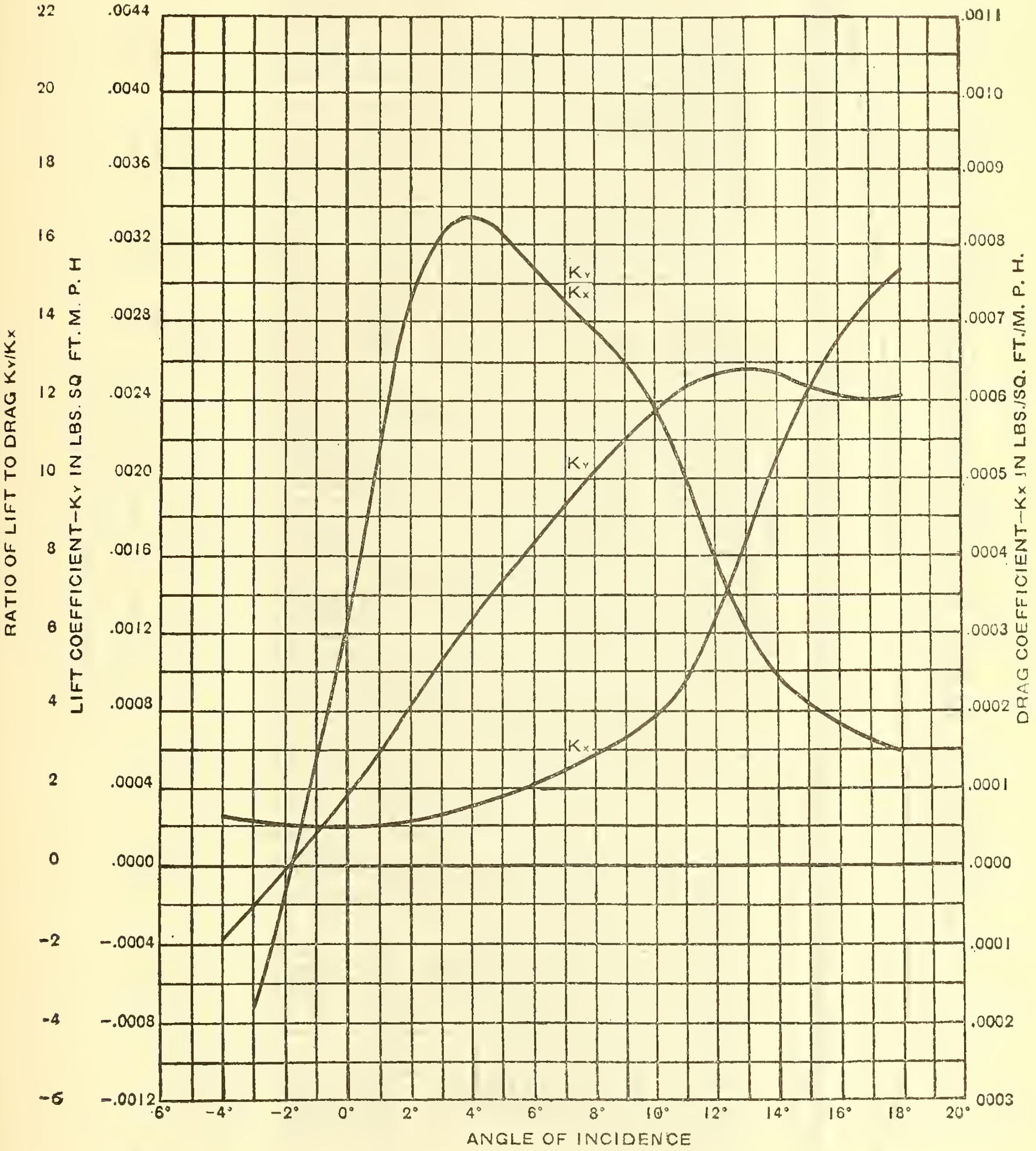


Distance from leading edge	0	.085	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.021	.0675	.076	.075	.07	.0648	.0575	.049	.0375	.025	.01	0
Lower camber	.021	0	.0105	.015	.014	.0125	.01	.0075	.005	.0025	....	0

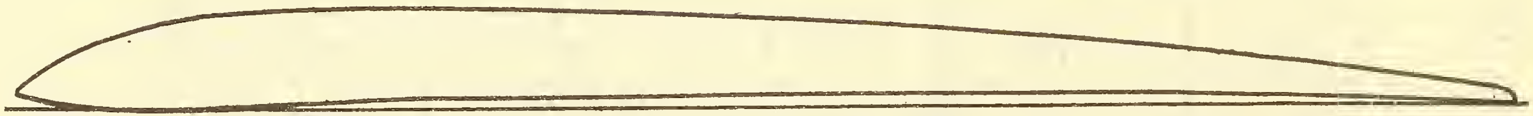
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 14.

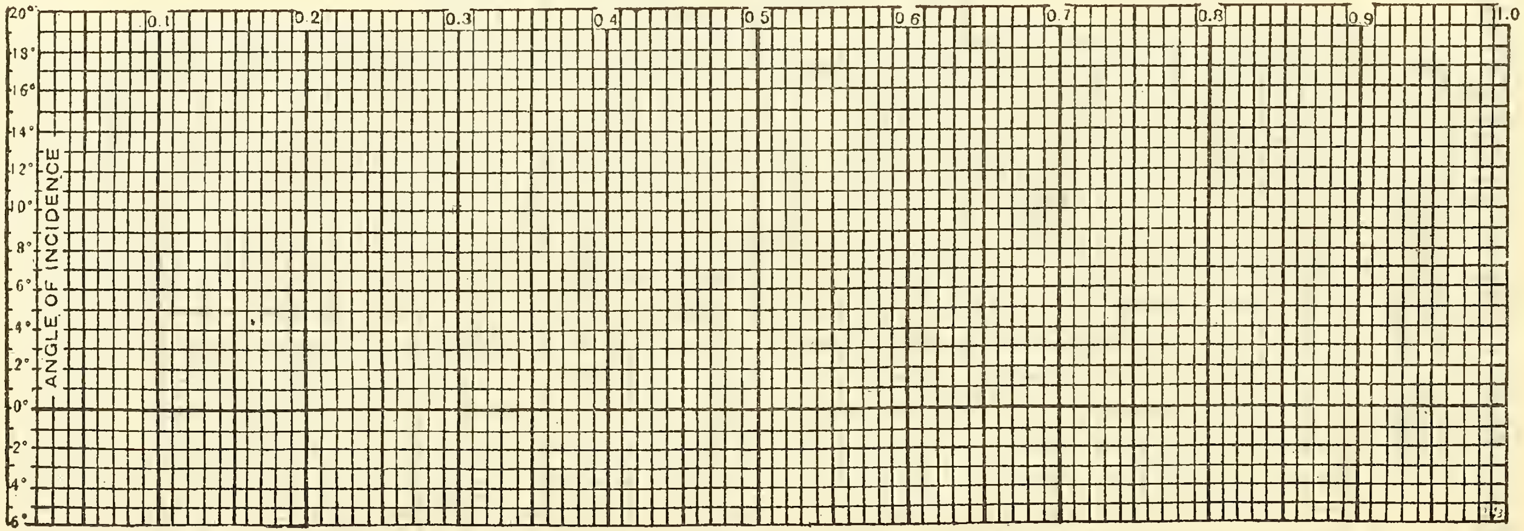
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 15.



CURVE OF CENTER OF PRESSURE TRAVEL

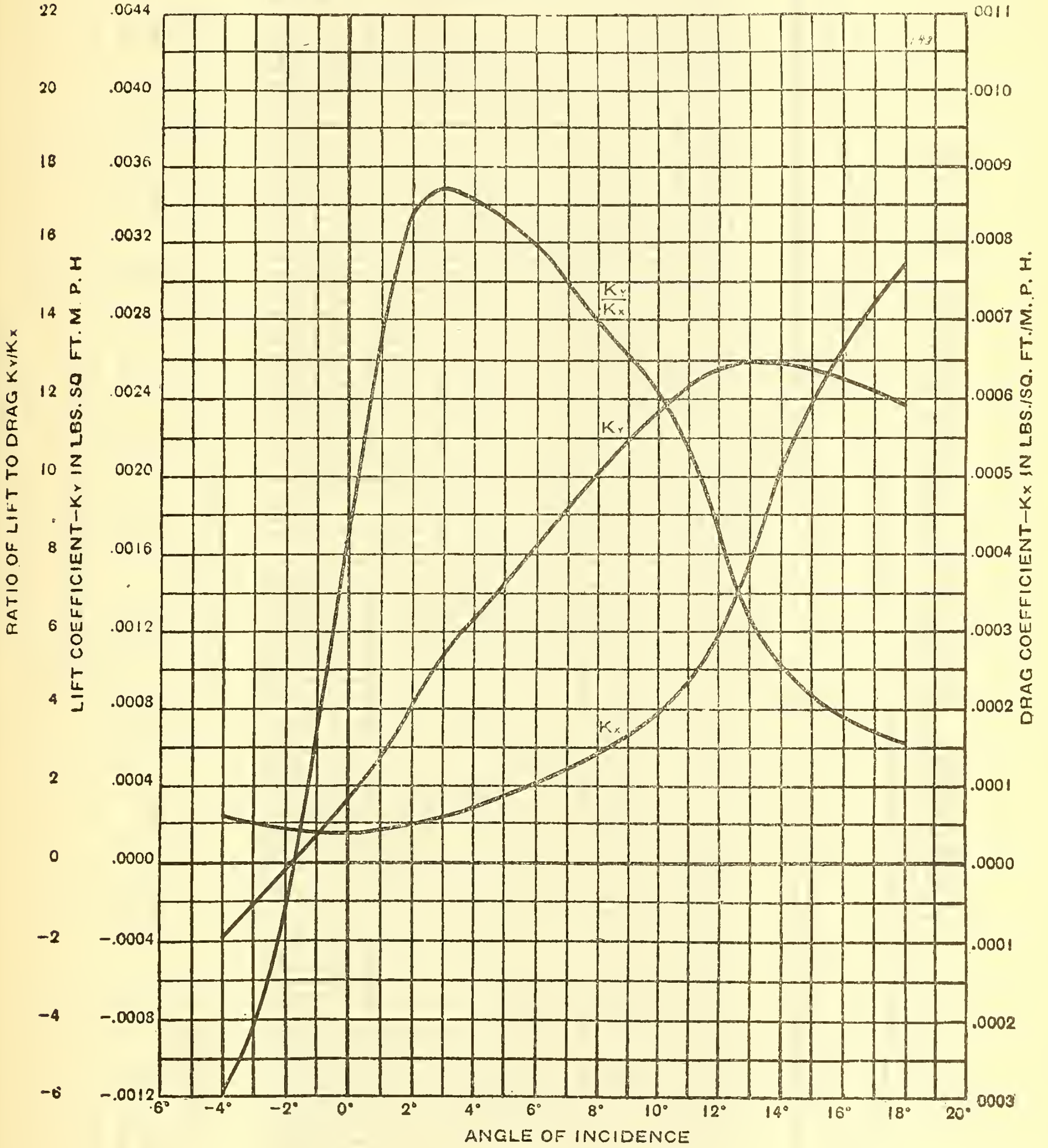


Distance from leading edge	0	.09	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.01	.058	.067	.066	.063	.0575	.053	.045	.035	.024	.01	0
Lower camber	.01	0	.005	.0075	.0066	.0055	.005	.004	.0025	.001	....	0

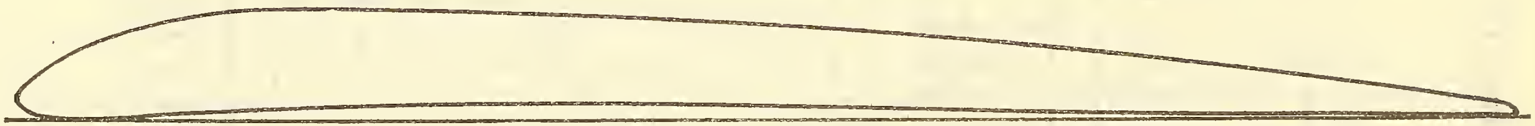
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 15.

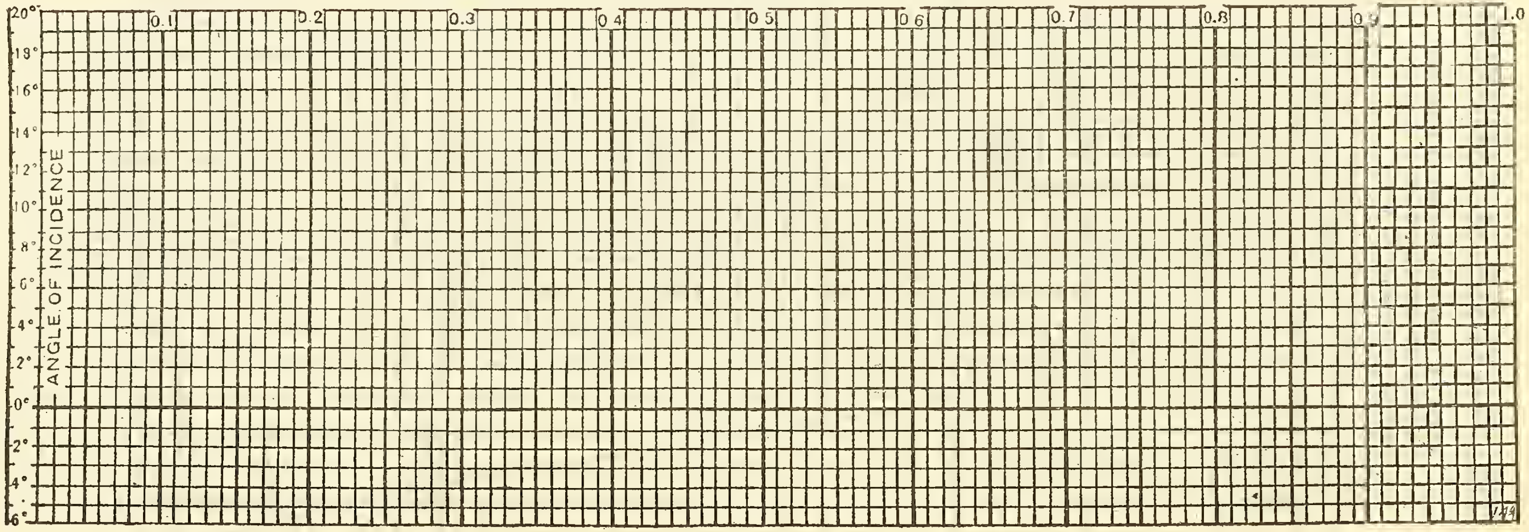
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 16.



CURVE OF CENTER OF PRESSURE TRAVEL

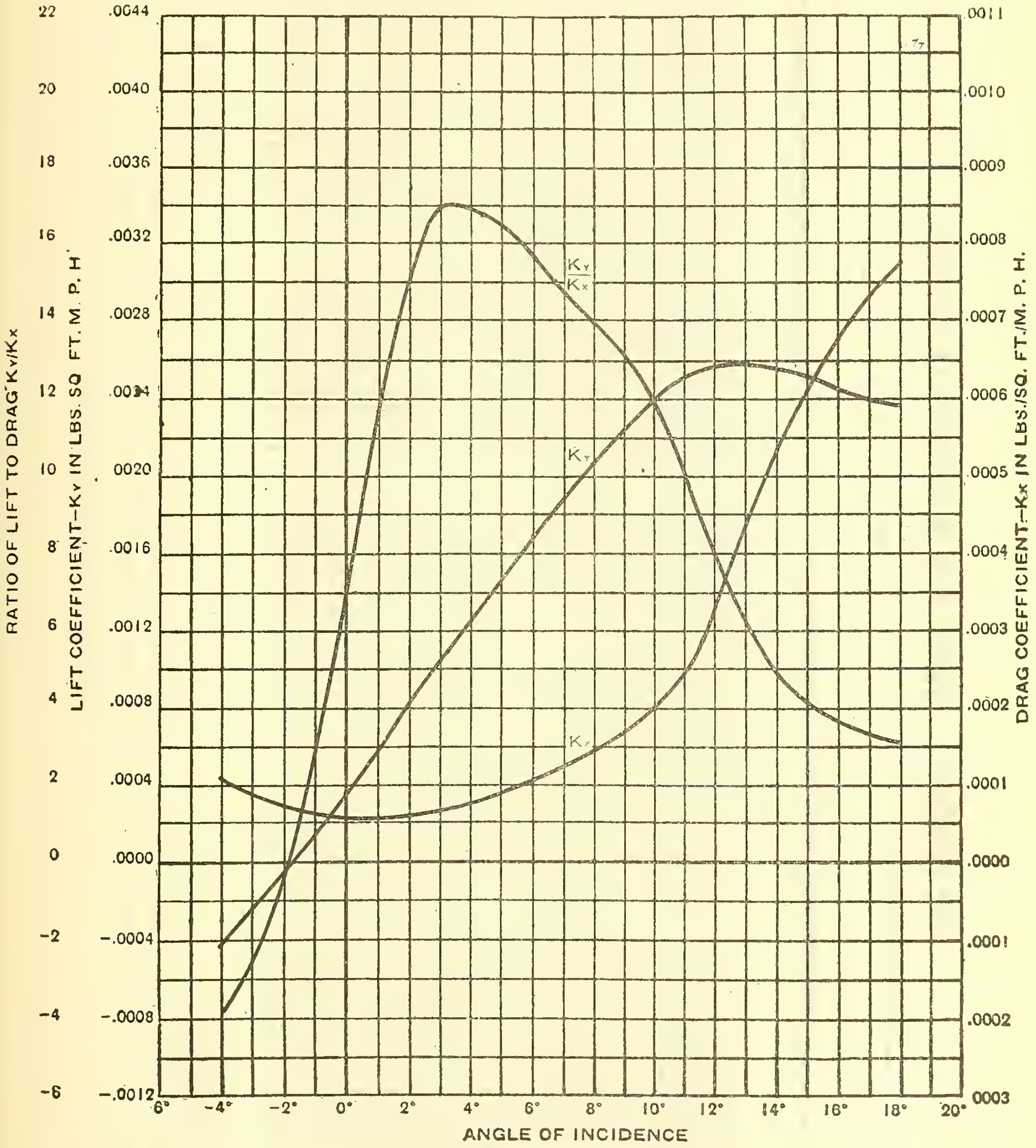


Distance from leading edge	0	.035	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.015	.0475	.065	.071	.07	.066	.061	.055	.046	.036	.025	.01	0
Lower camber	.015	0	.004	.008	.011	.01	.008	.007	.005	.0045	.0015	....	0

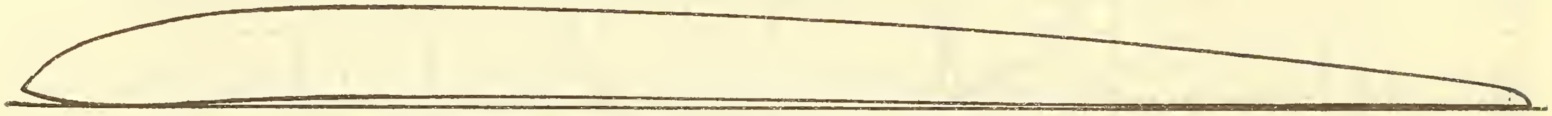
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 16.

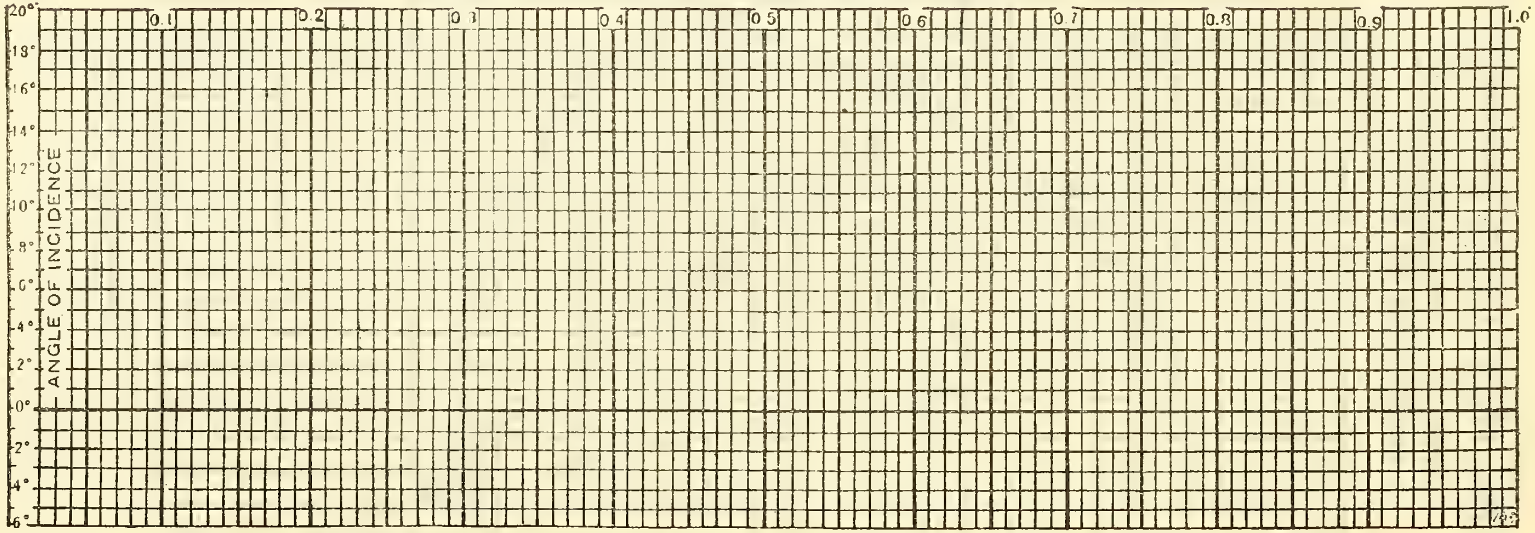
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 17.



CURVE OF CENTER OF PRESSURE TRAVEL

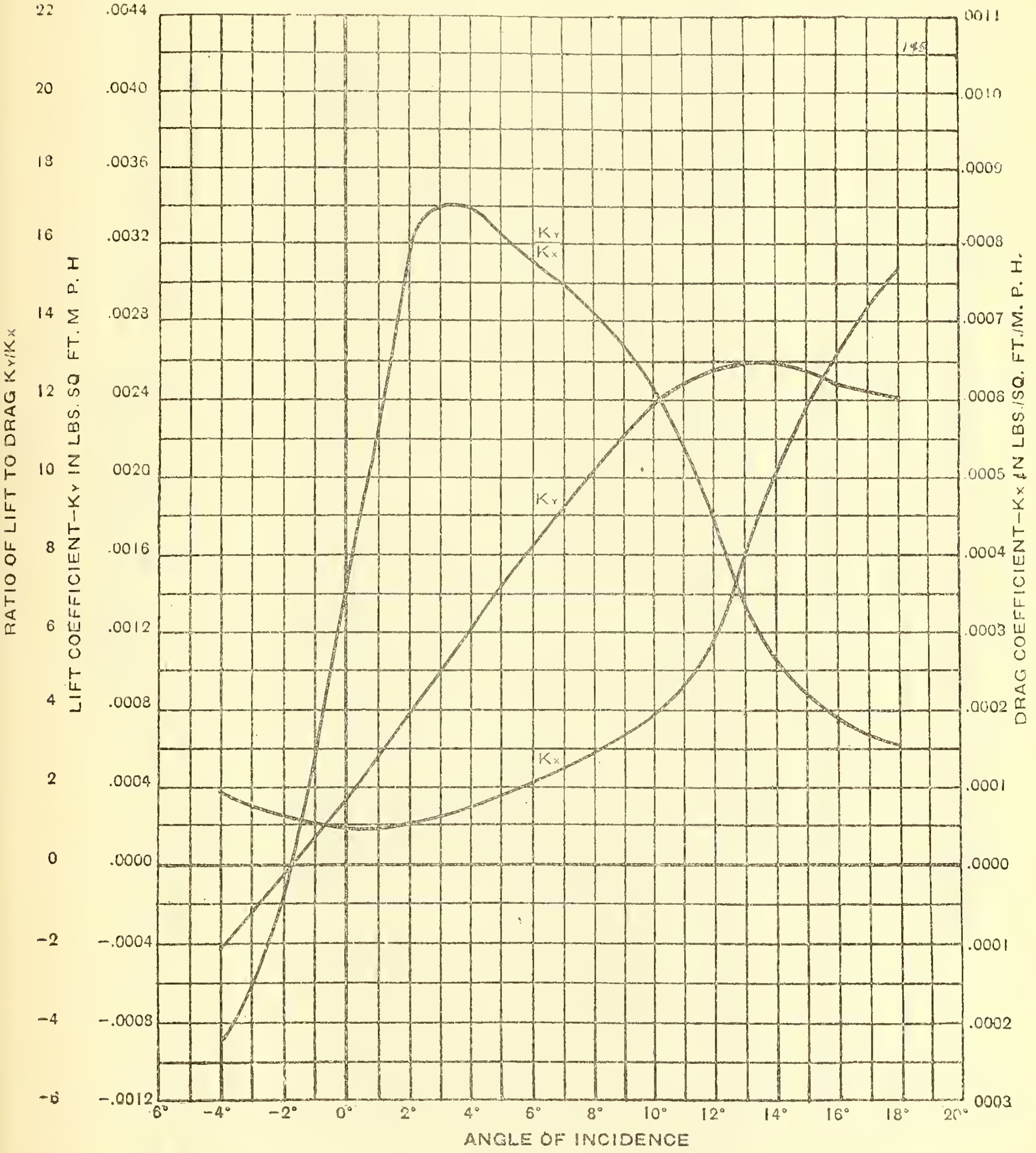


Distance from leading edge	0	.035	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.01	.042	.059	.066	.066	.0625	.0575	.052	.045	.035	.024	.01	0
Lower camber	.01	0	.002	.005	.0075	.006	.005	.004	.0025				0

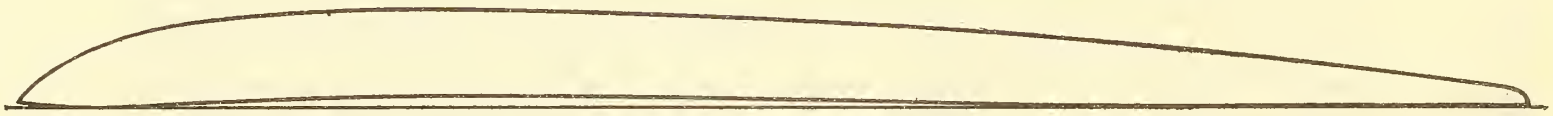
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 17.

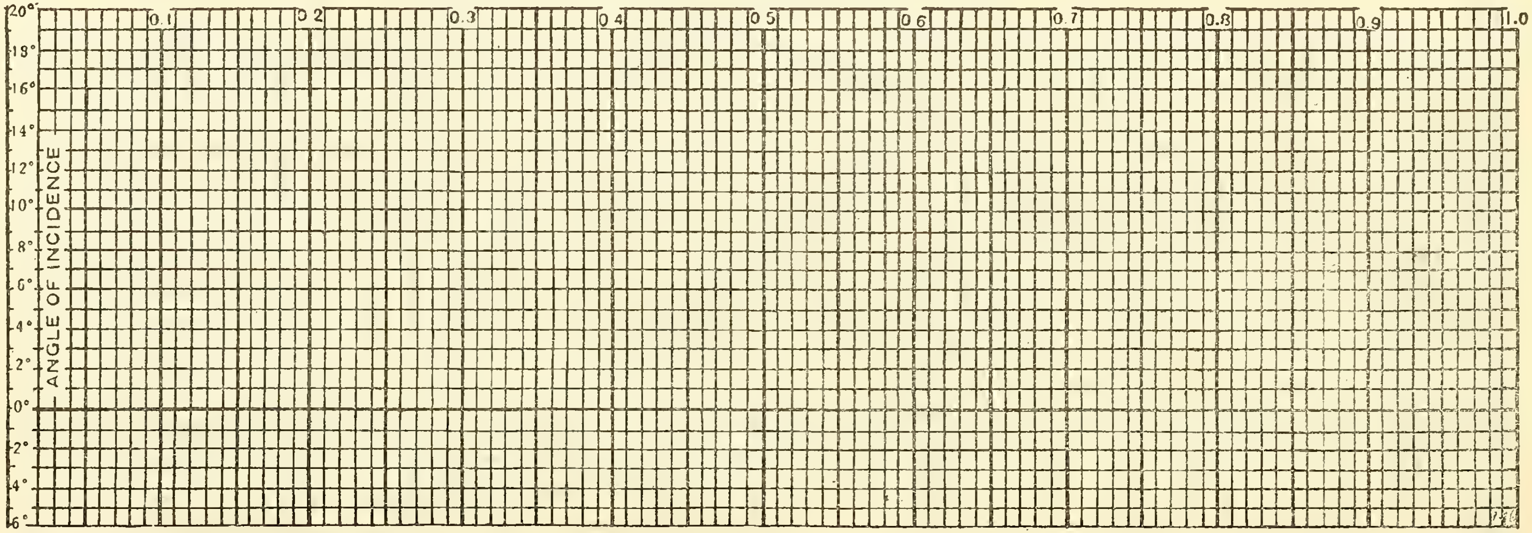
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 18.



CURVE OF CENTER OF PRESSURE TRAVEL

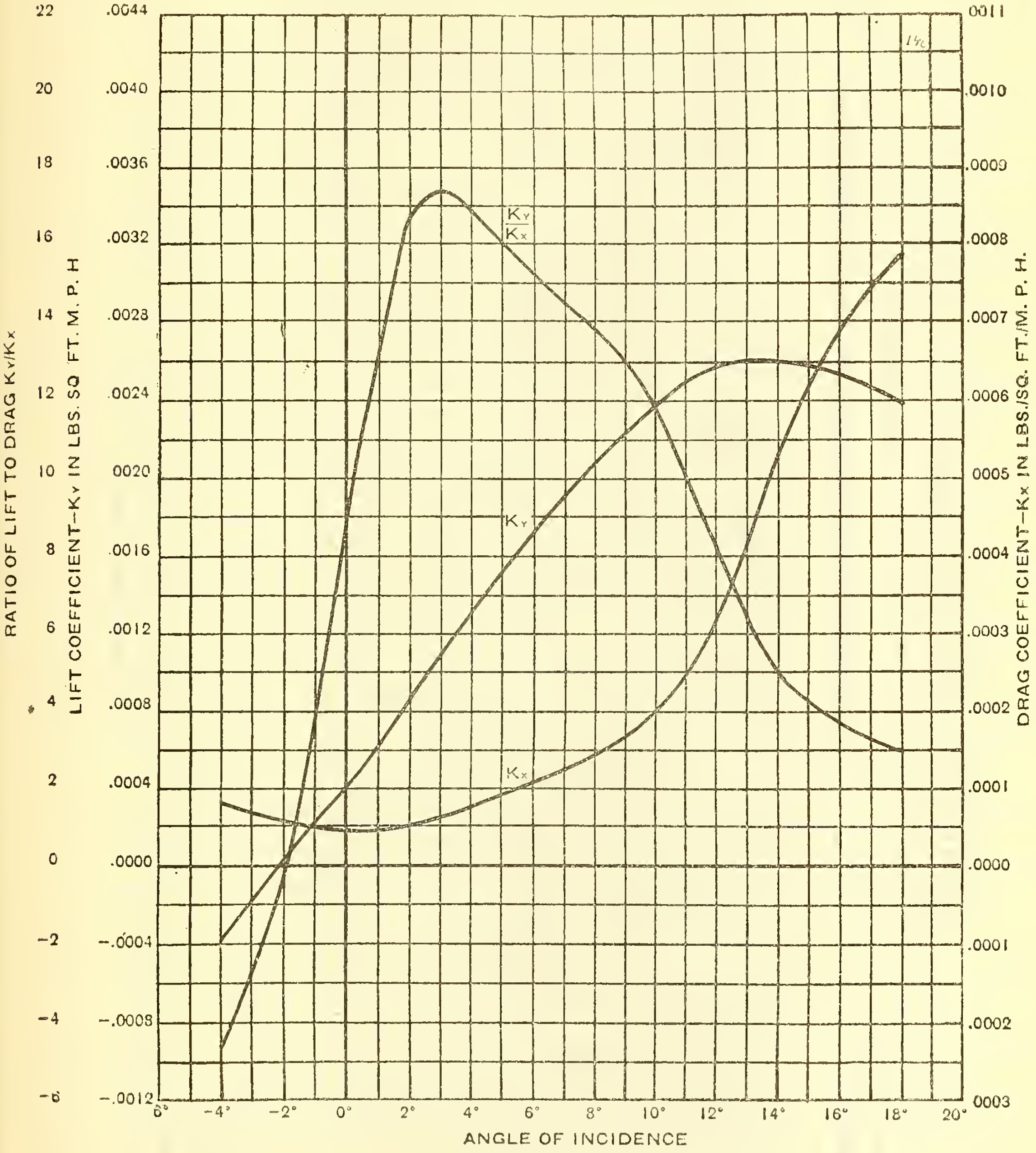


Distance from leading edge........	0	.025	.10	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber....................	.005	.0325	.055	.0635	.064	.06	.056	.05	.044	.035	.024	.01	0
Lower camber....................	.005	0	.0015	.004	.005	.0045	.004	.003	.0025	....	....	....	0

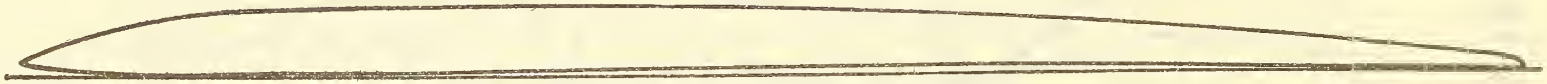
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 18.

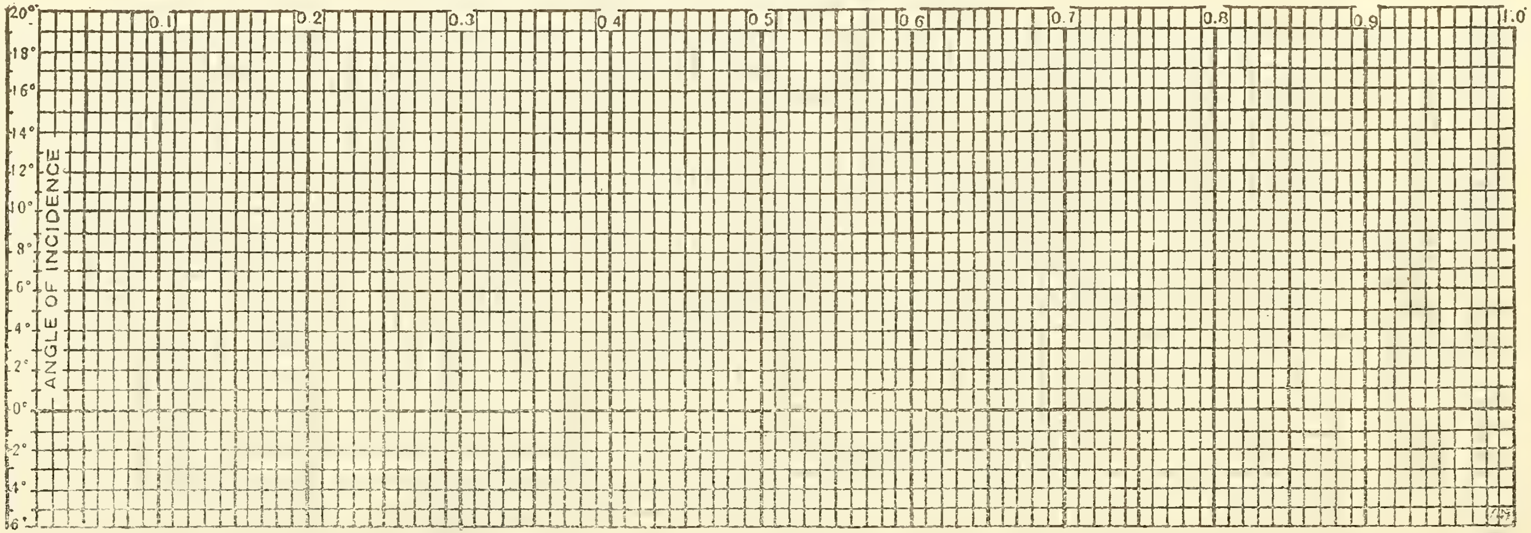
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 19.



CURVE OF CENTER OF PRESSURE TRAVEL

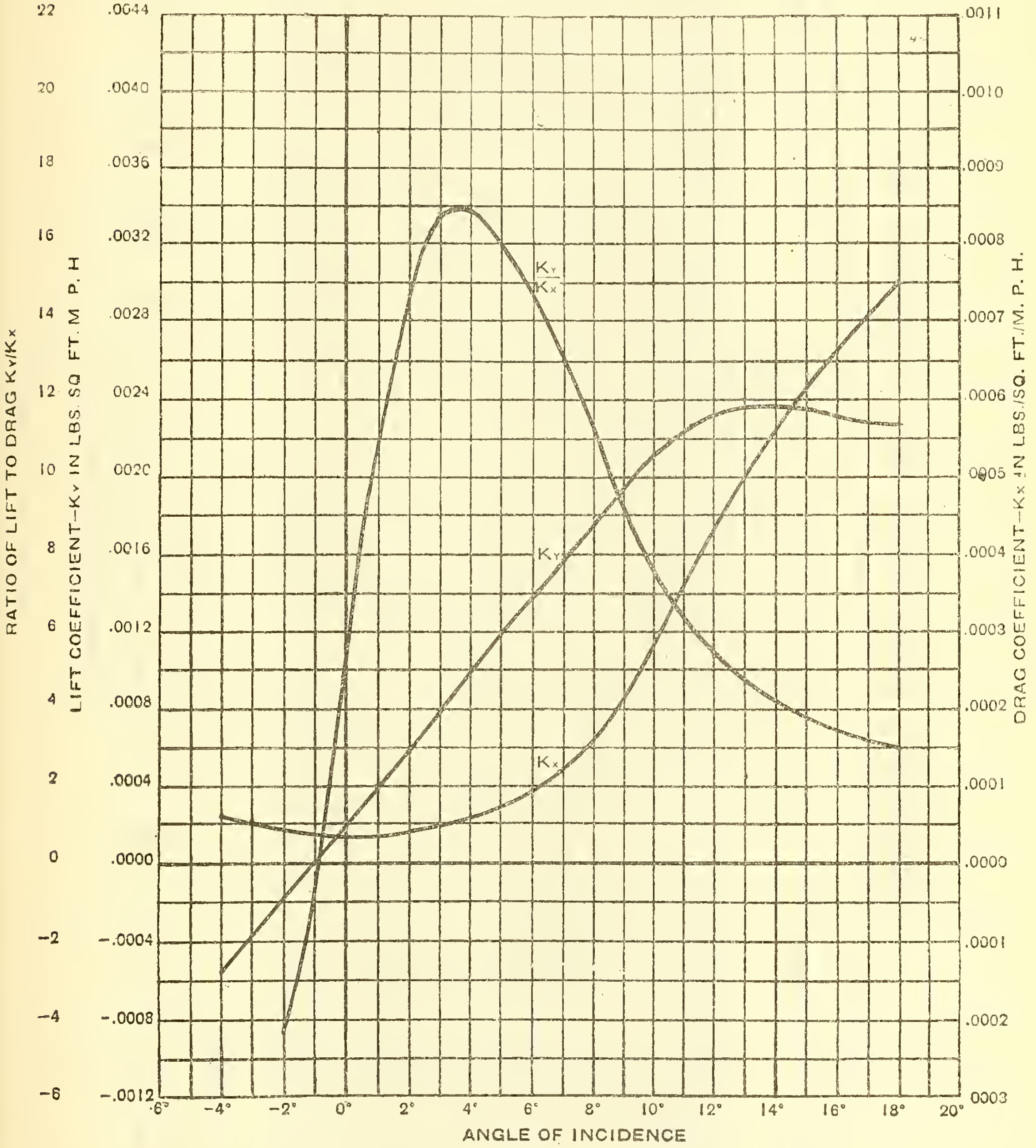


Distance from leading edge	0	.08	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.01	.036	.046	.0455	.044	.0415	.038	.034	.026	.0175	.0075	0
Lower camber	.01	0	.0015	.0055	.006	.005	.0049	.004	....	....	....	0

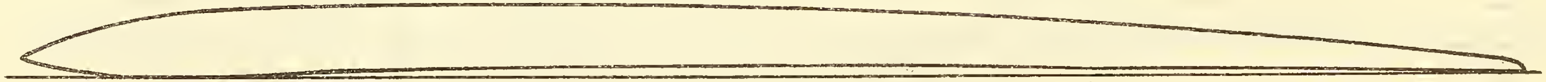
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 19.

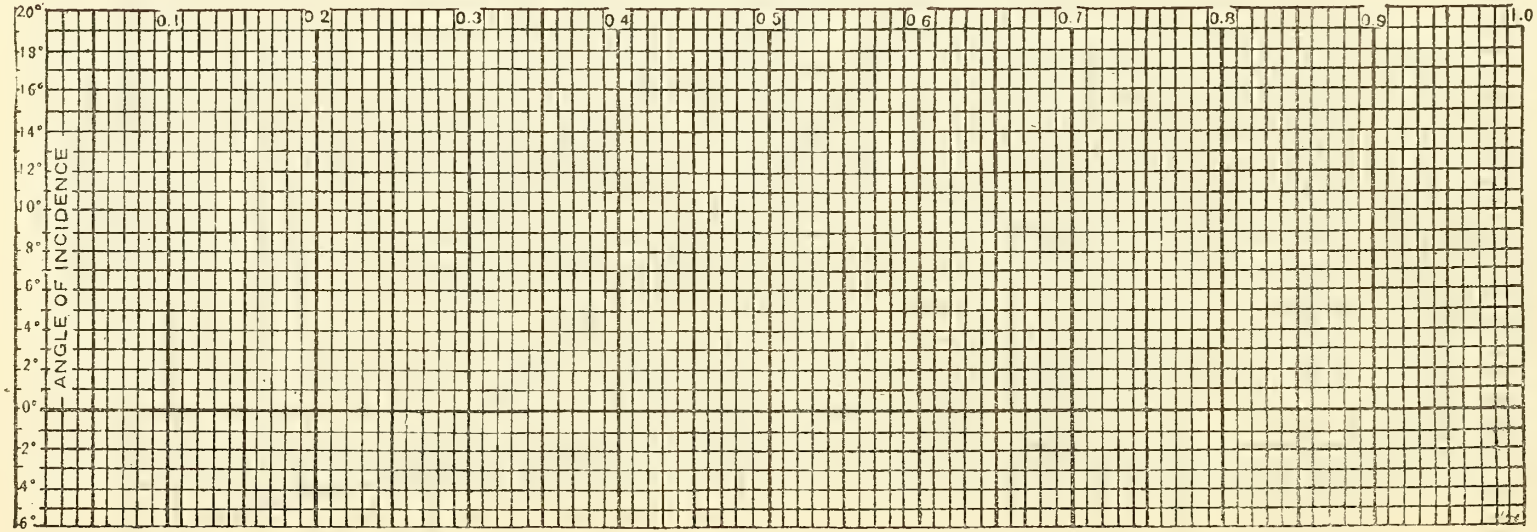
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 20.



CURVE OF CENTER OF PRESSURE TRAVEL

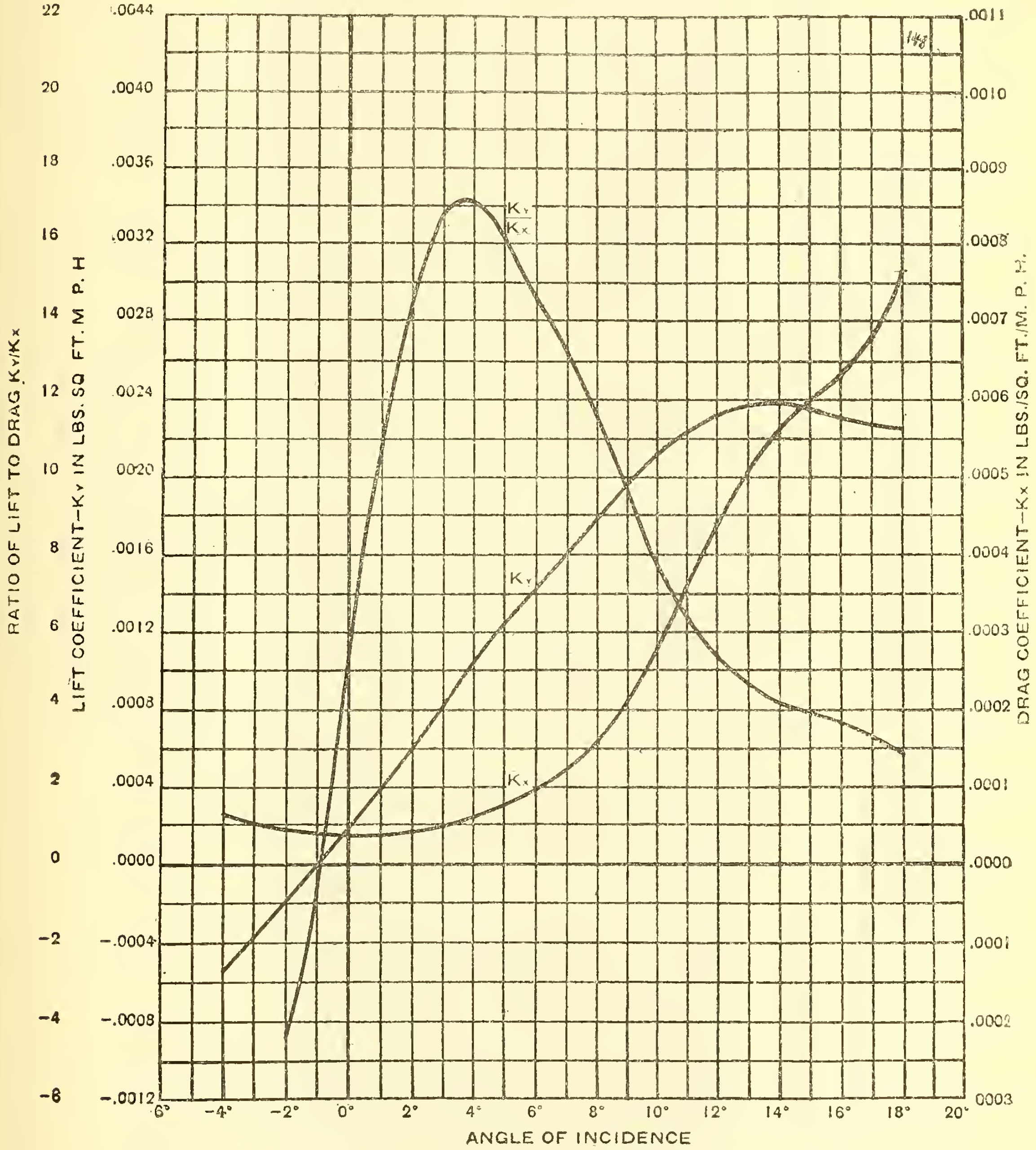


Distance from leading edge	0	.09	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.012	.04	.0475	.047	.045	.0425	.039	.034	.027	.0175	.0075	0
Lower camber	.012	0	.006	.009	.0075	.006	.005	.0045	.0025	....	....	0

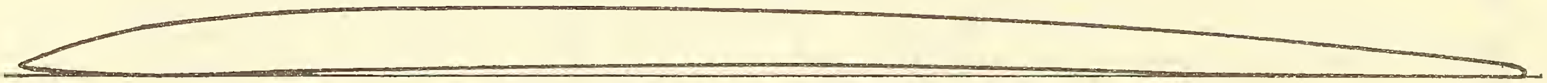
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 20.

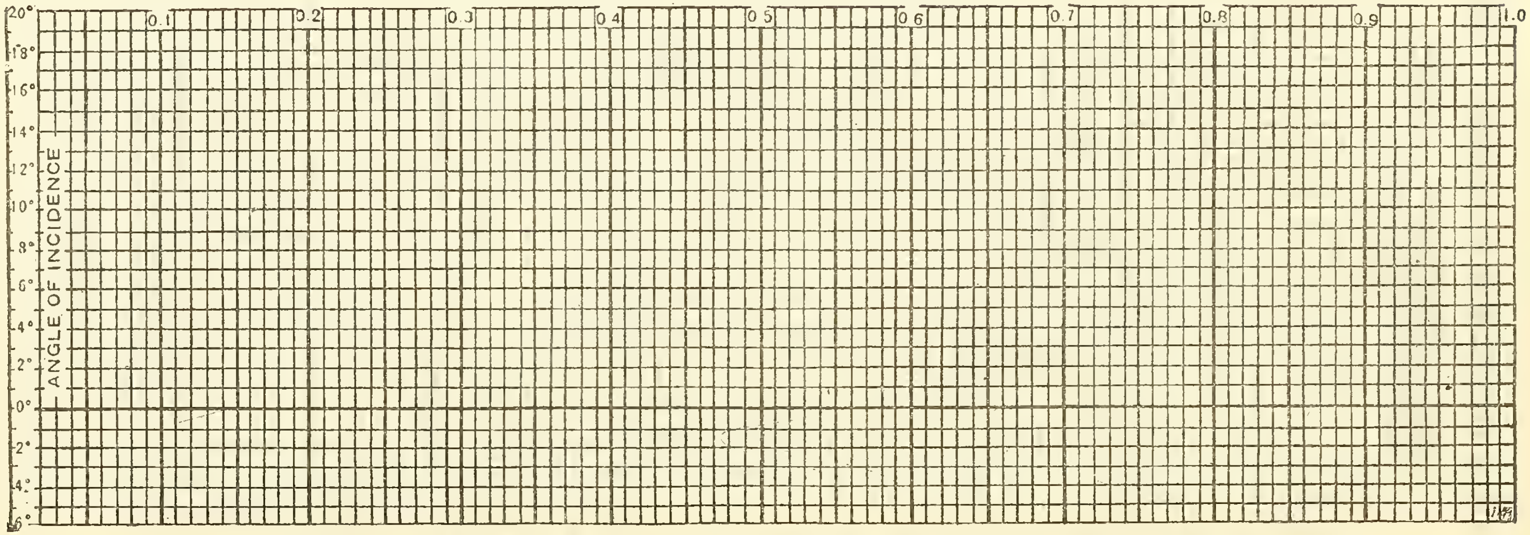
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 21.



CURVE OF CENTER OF PRESSURE TRAVEL

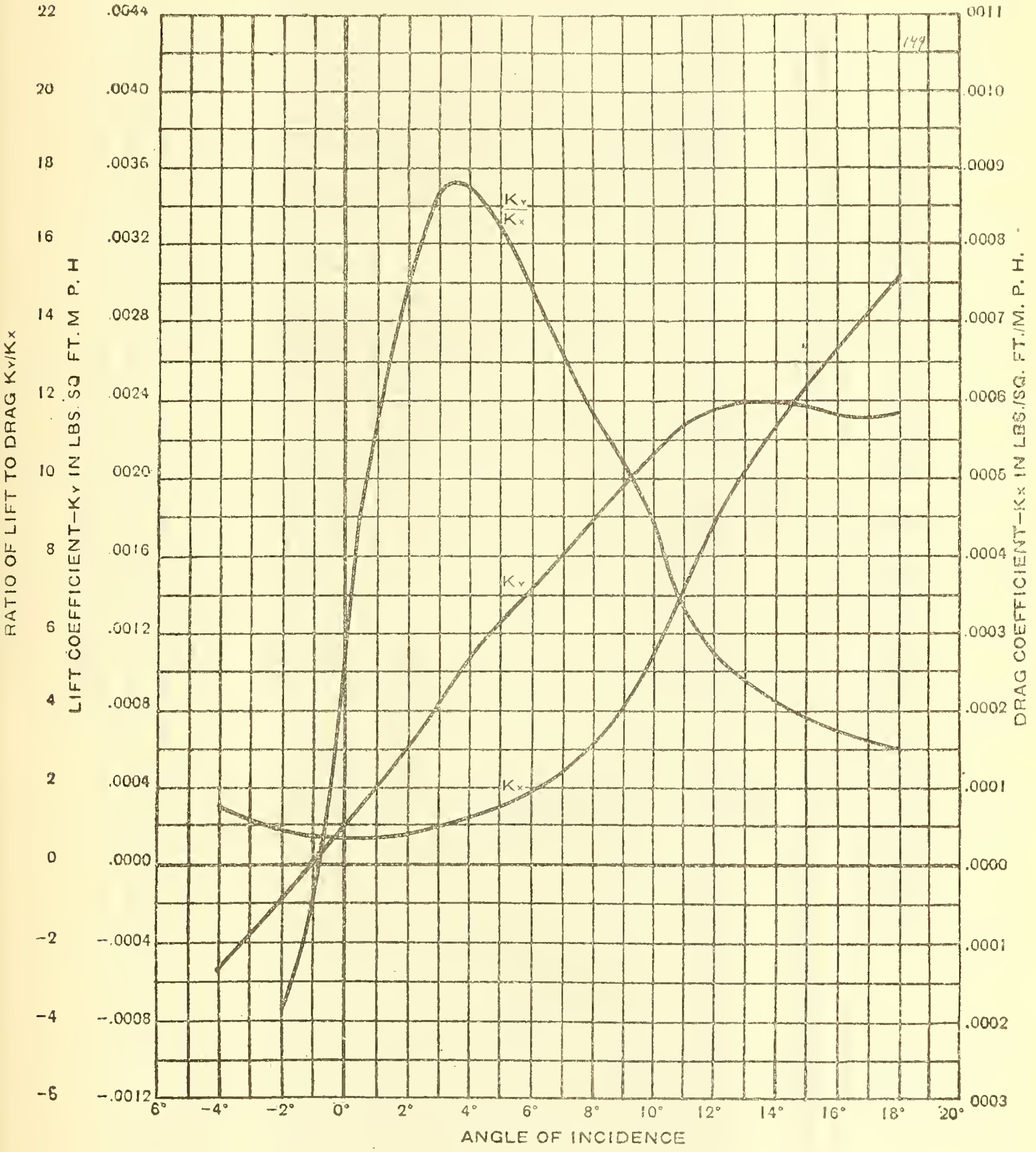


Distance from leading edge	0	.08	.20	.30	.40	.50	.60	.70	.80	.90	.99	1.00
Upper camber	.005	.033	.042	.0425	.041	.038	.036	.0315	.025	.0175	.0075	0
Lower camber	.005	0	.0025	.005	.0045	.004	.0025	.002	.0015	....	....	0

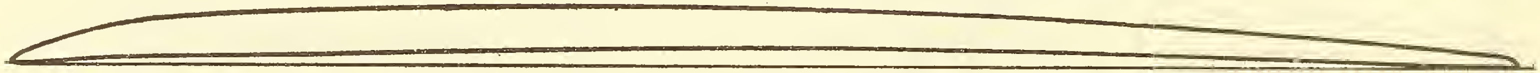
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 21.

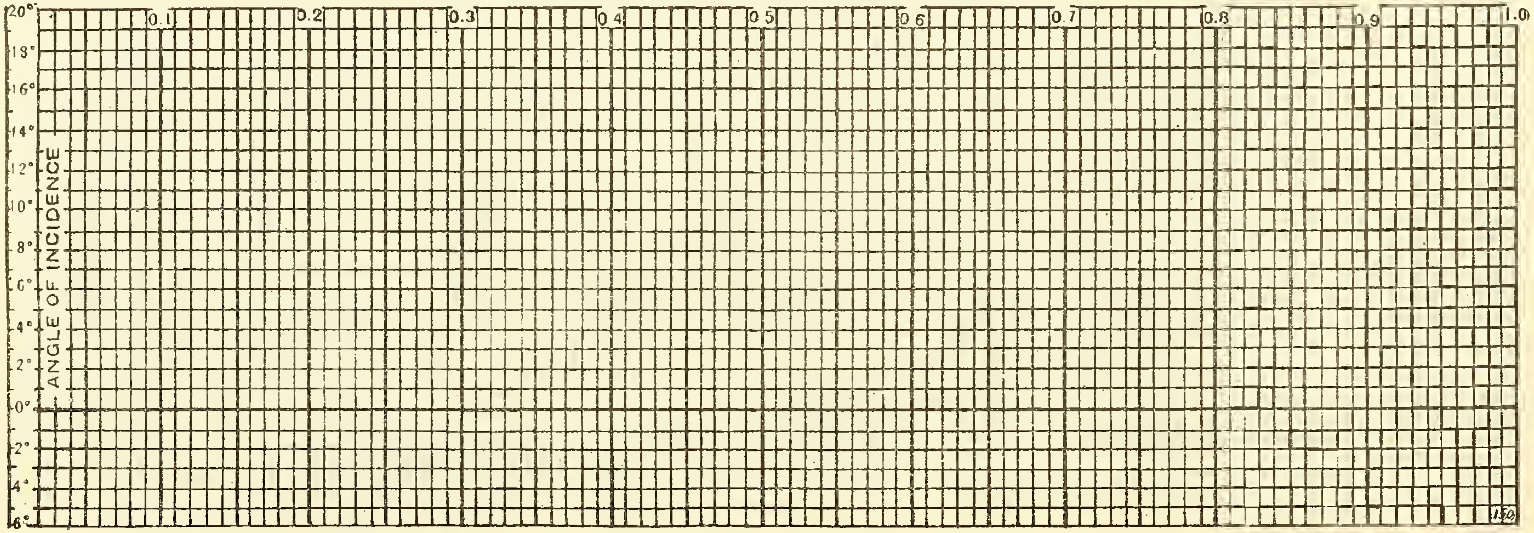
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 22.



CURVE OF CENTER OF PRESSURE TRAVEL

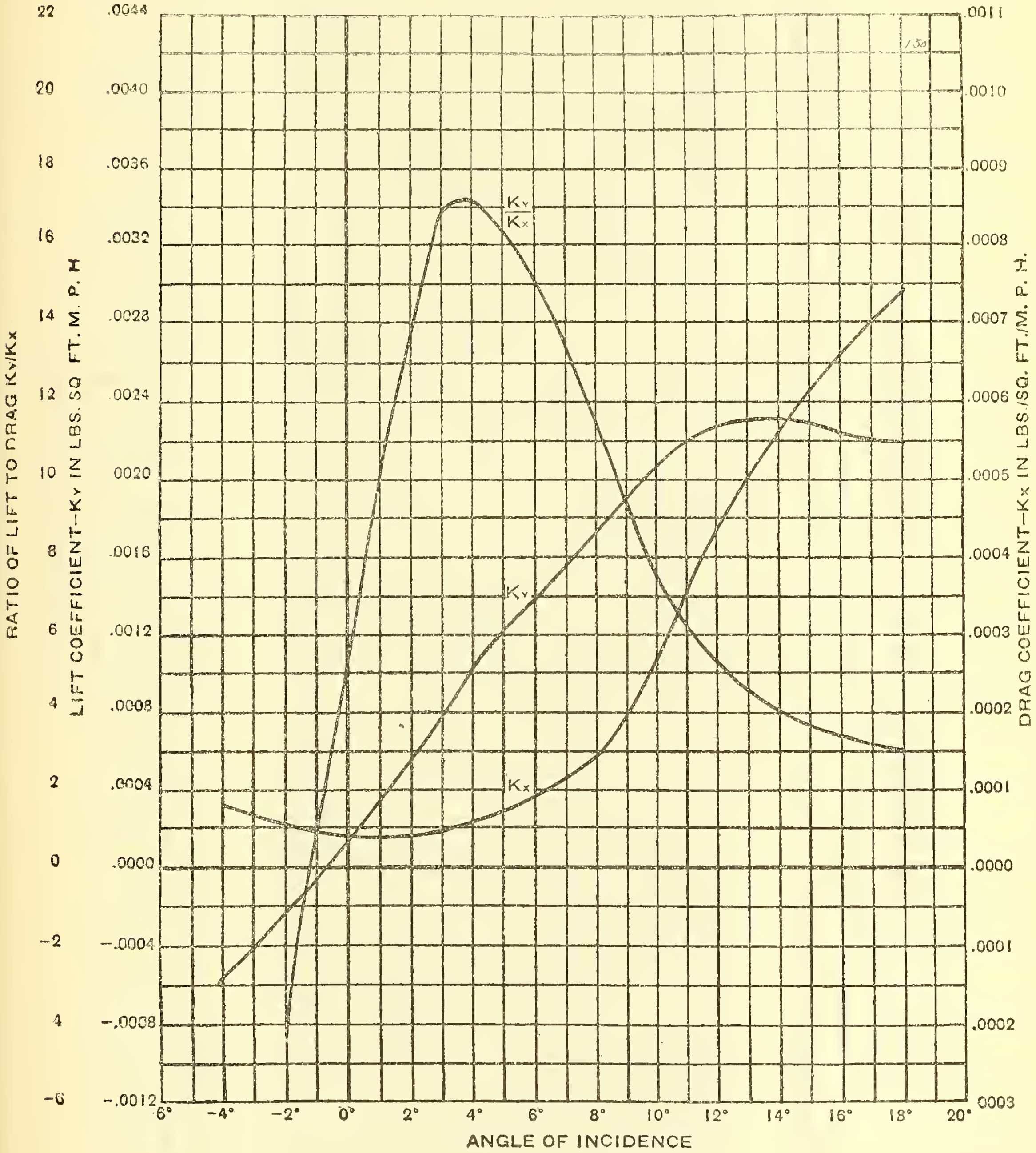


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.01	.014	.018	.020	.025	.029	.033	.036	.038	.039	.037	.036	.034	.030	.024	.016	.011	.008	.007	0
Lower camber	0	.0025	.0036	.0046	.0051	.0064	.0074	.0085	.0092	.0098	.01	.0095	.0093	.0087	.0077	.0062	.0041	.0028	......	......	0

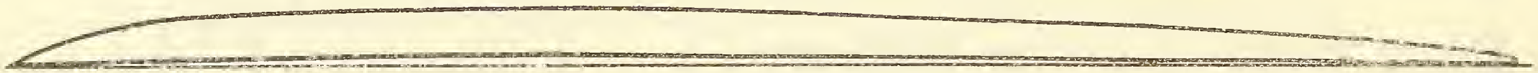
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 22.

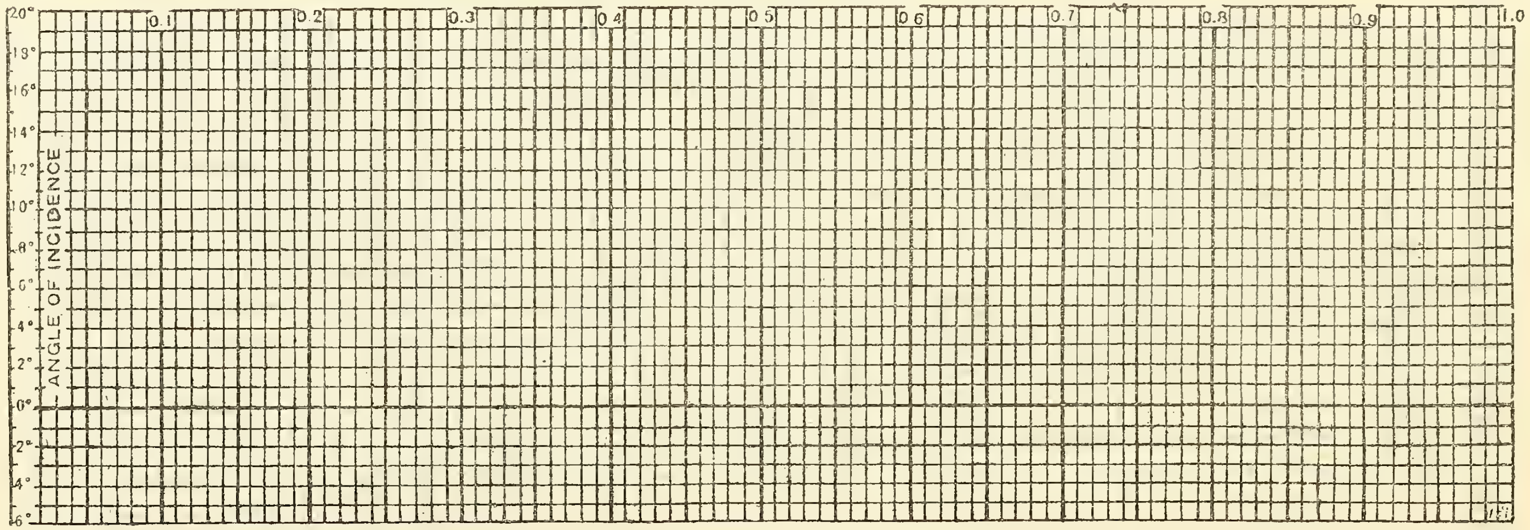
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 23.



CURVE OF CENTER OF PRESSURE TRAVEL

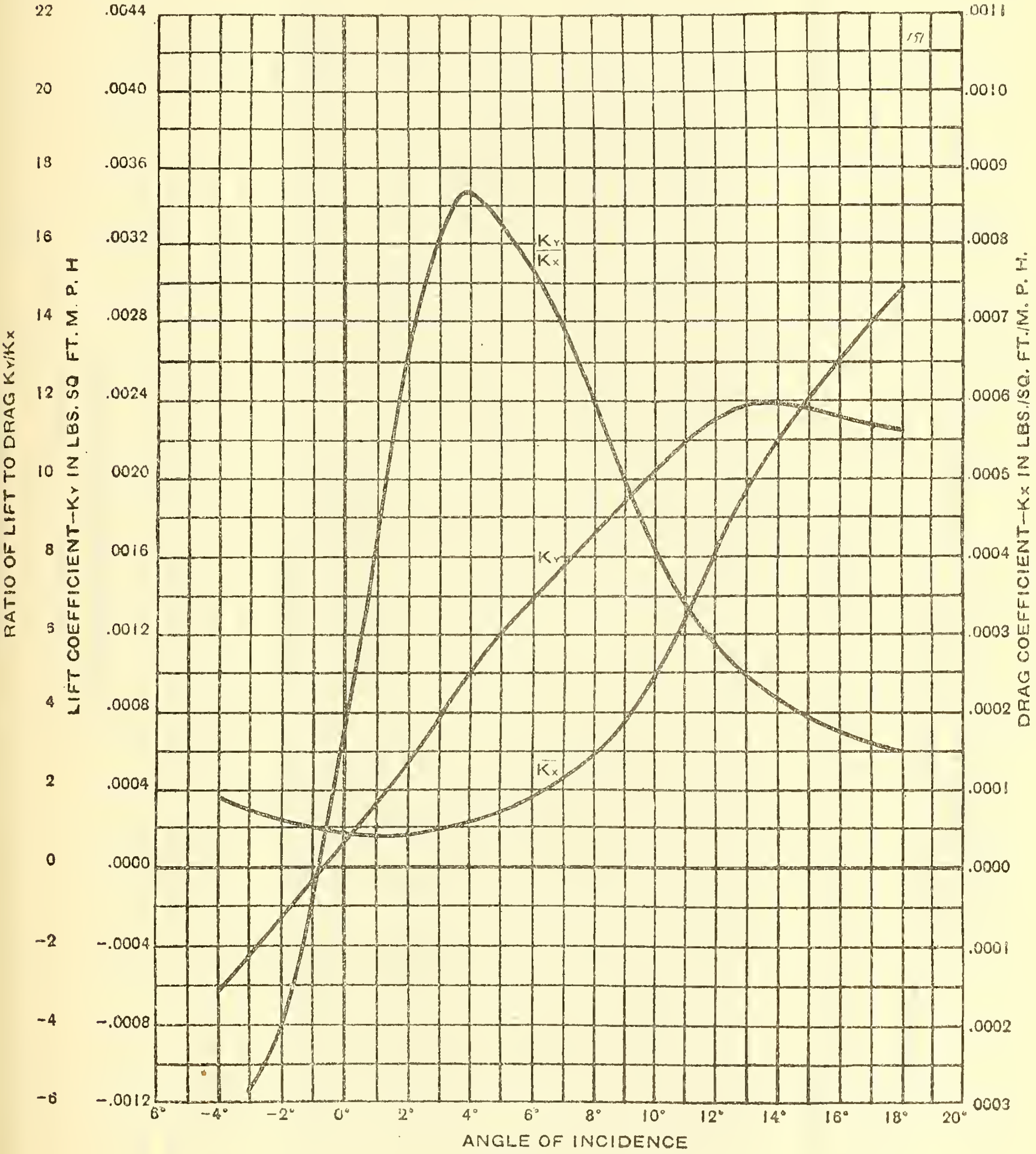


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.01	.014	.018	.02	.025	.029	.033	.036	.038	.039	.037	.036	.034	.030	.024	.016	.011	.008	.007	0
Lower camber	0	.0012	.0017	.0023	.0025	.0032	.0037	.0042	.0046	.0048	.005	.0047	.0046	.0043	.0038	.0031	.002	......	......	......	0

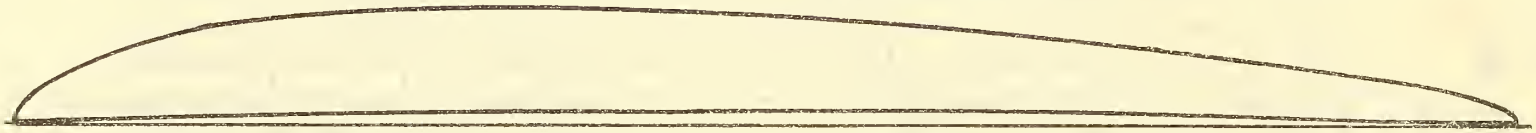
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 23.

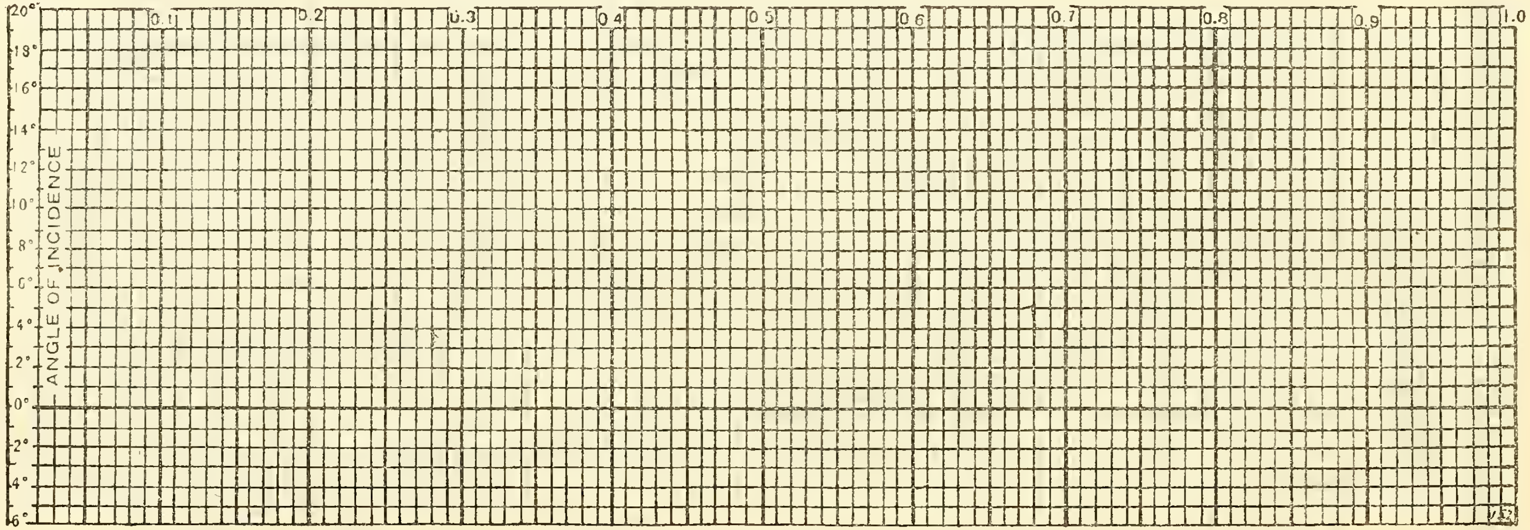
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 24.



CURVE OF CENTER OF PRESSURE TRAVEL

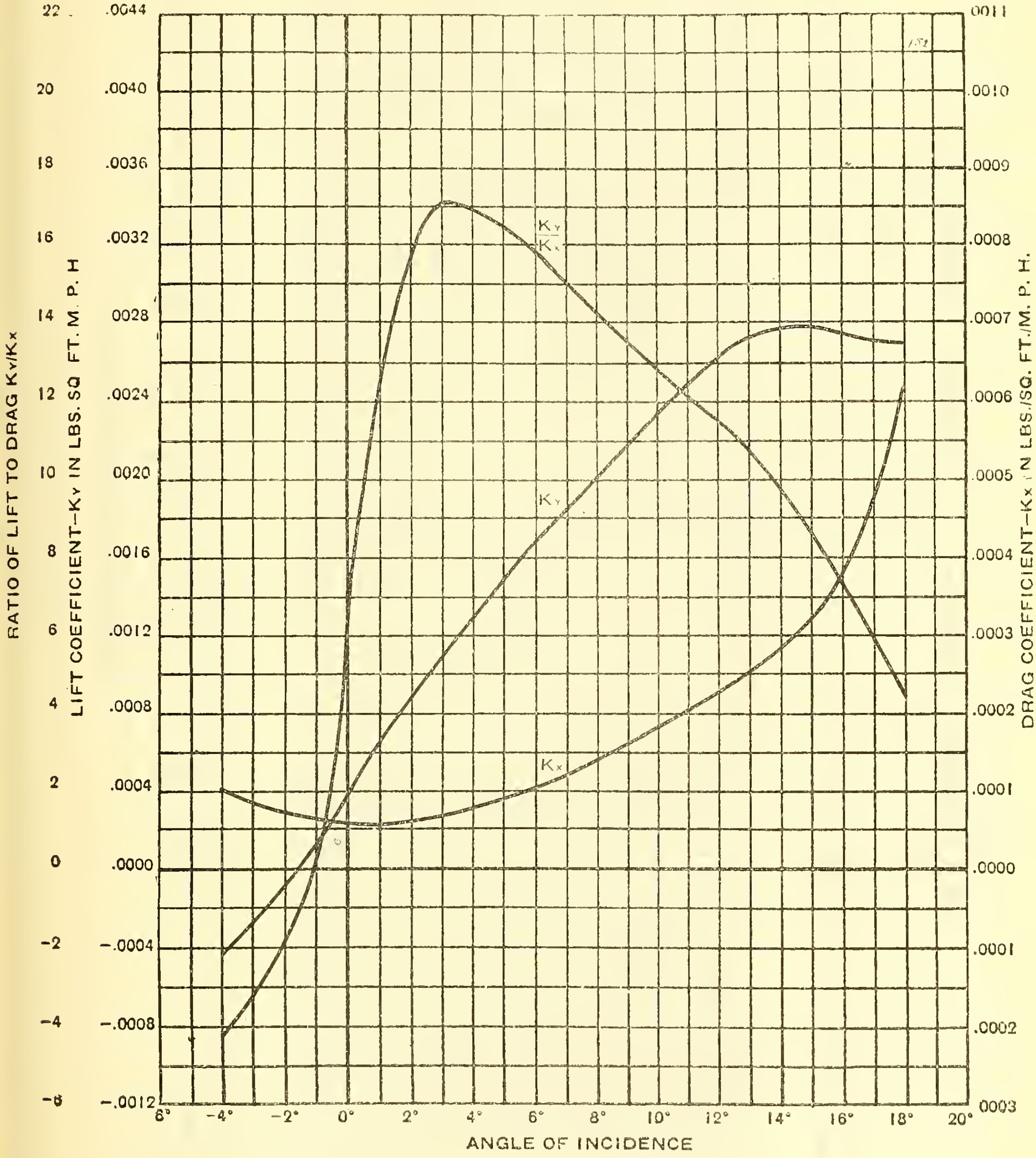


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.02	.028	.035	.04	.05	.057	.065	.071	.076	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	0	.0025	.0036	.0045	.0051	.0064	.0073	.0083	.0091	.0097	.01	.0099	.0094	.0087	.0075	.006	.0041	.0027	.002	.0016	0

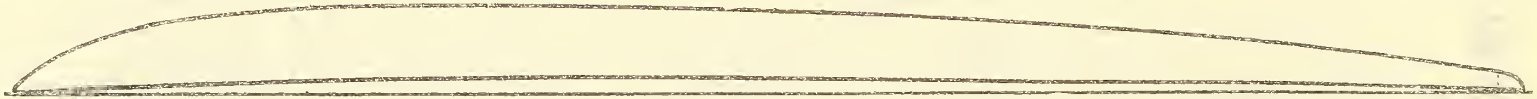
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 24.

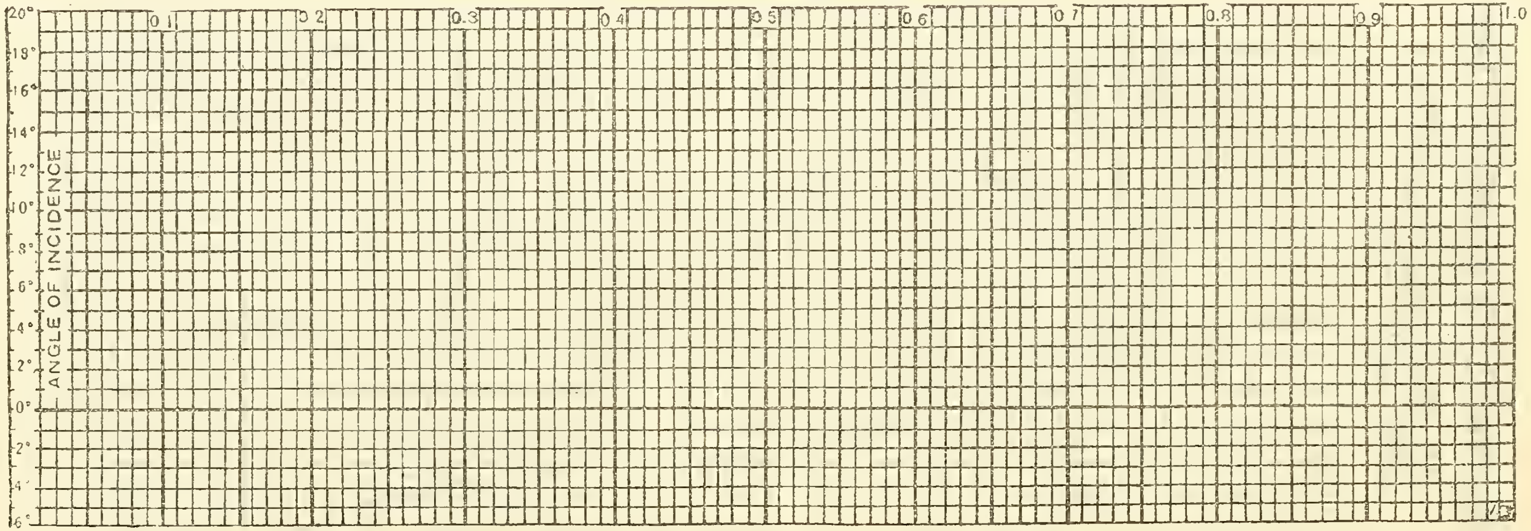
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 25.



CURVE OF CENTER OF PRESSURE TRAVEL

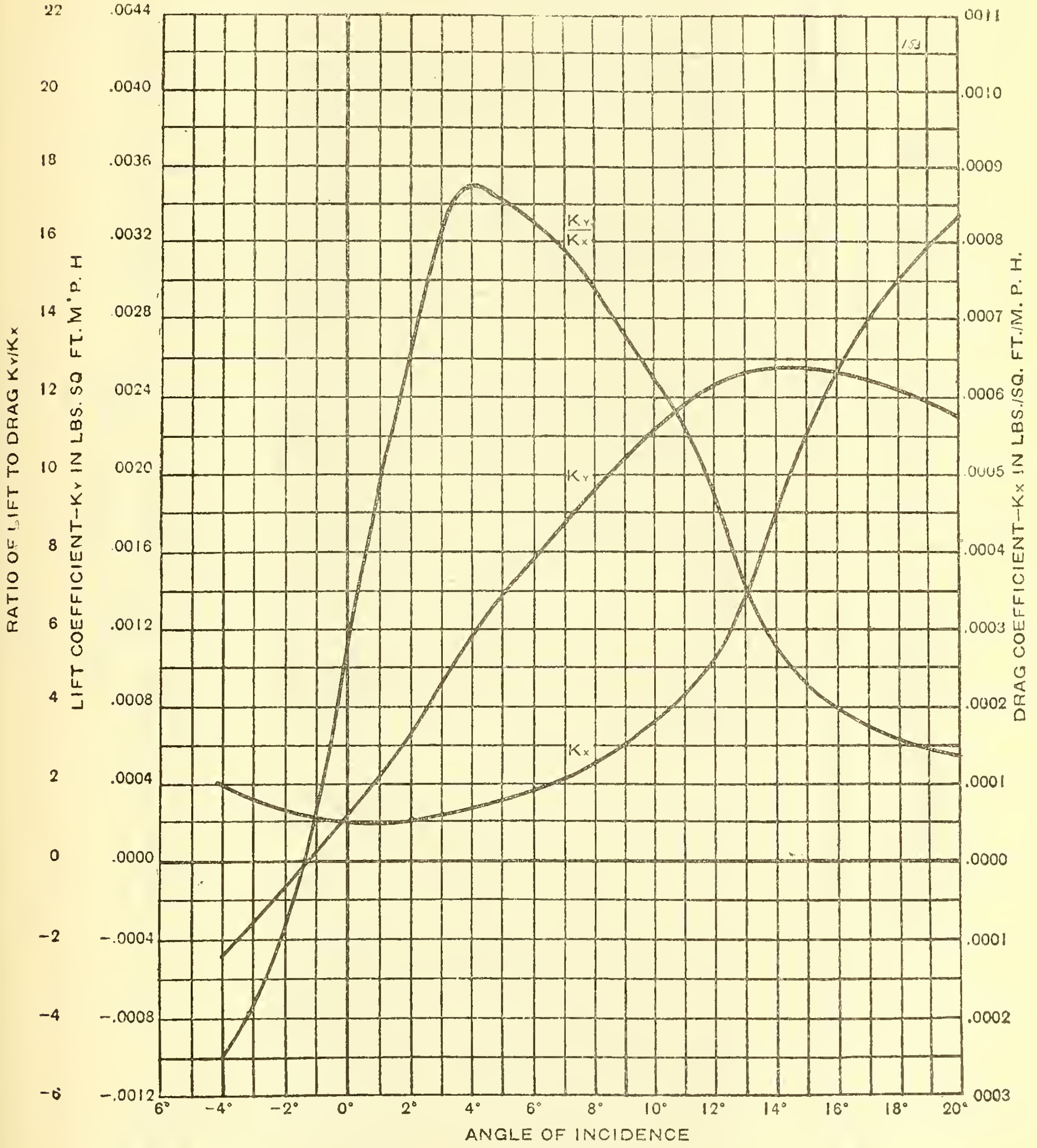


Distance from leading edge	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	0	.015	.021	.026	.03	.0375	.042	.049	.053	.057	.059	.058	.055	.051	.044	.035	.024	.016	.012	.01	0
Lower camber	0	.0025	.0035	.0044	.0051	.0064	.0071	.0083	.009	.0097	.01	.0098	.0094	.0086	.0074	.0059	.0041	.0027	.002	......	0

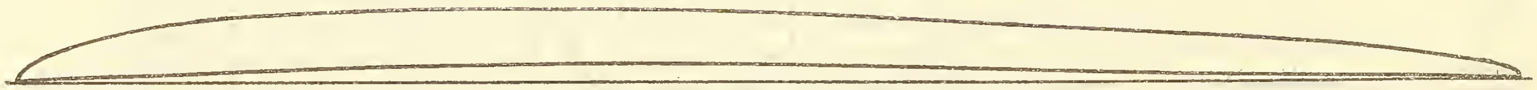
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 25.

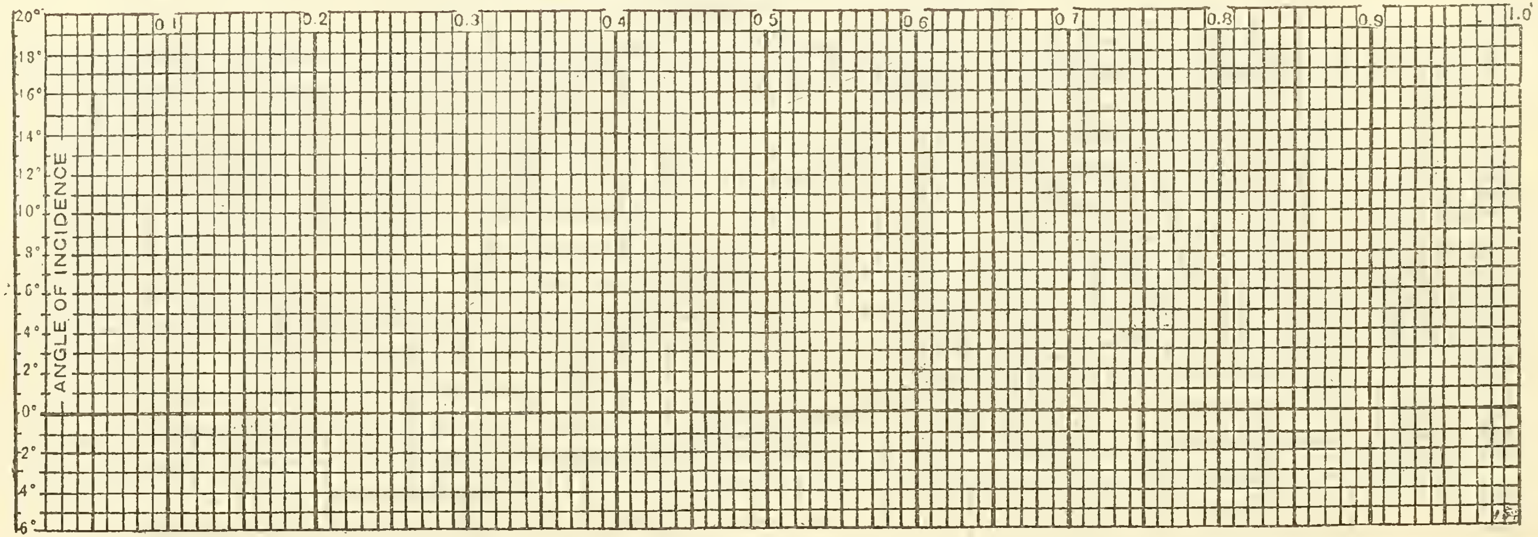
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 26.



CURVE OF CENTER OF PRESSURE TRAVEL

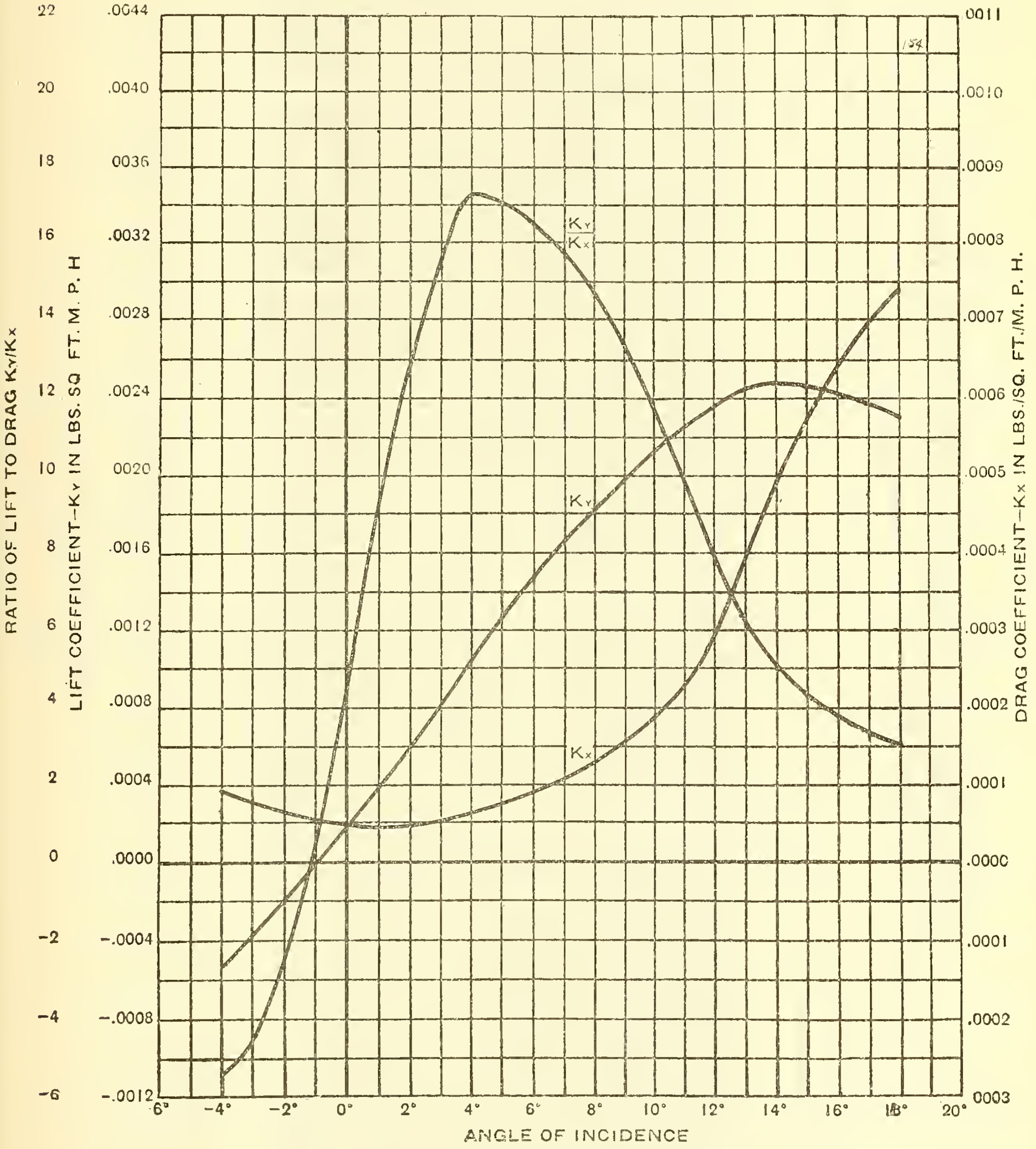


Distance from leading edge.......	0	.01	.02	.03	.04	.06	.08	.12	.16	.24	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber....................	0	.013	.018	.022	.026	.032	.037	.042	.046	.049	.05	.049	.047	.044	.038	.030	.021	.013	.01	.008	0
Lower camber....................	0	.0026	.0036	.0044	.0052	.0064	.0074	.0084	.0092	.0098	.01	.0098	.0094	.0088	.0076	.006	.0042	.0026	.002	......	0

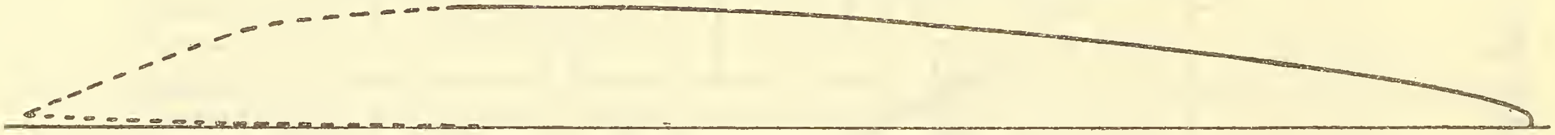
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 26.

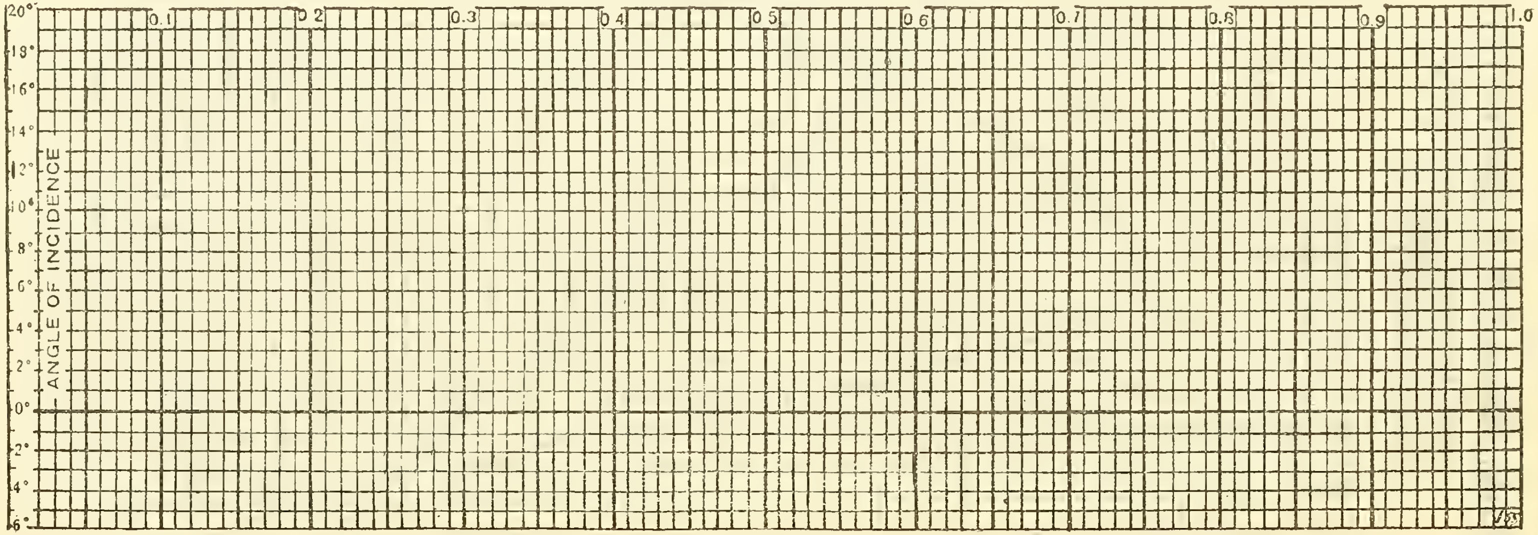
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 27.



CURVE OF CENTER OF PRESSURE TRAVEL

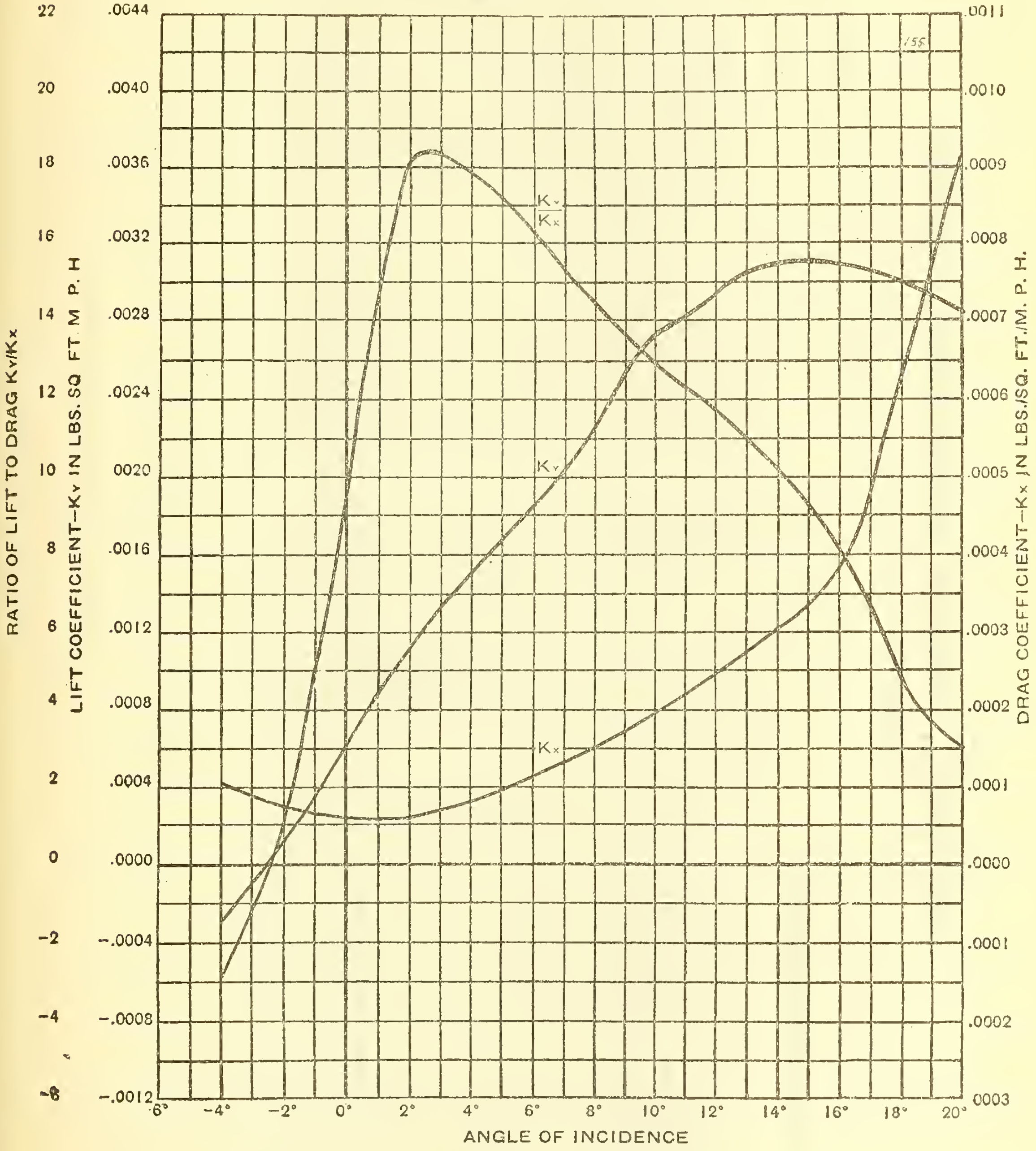


Distance from leading edge	0	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	.008	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	.008	0	0	0	0	0	0	0	0	0	0	0

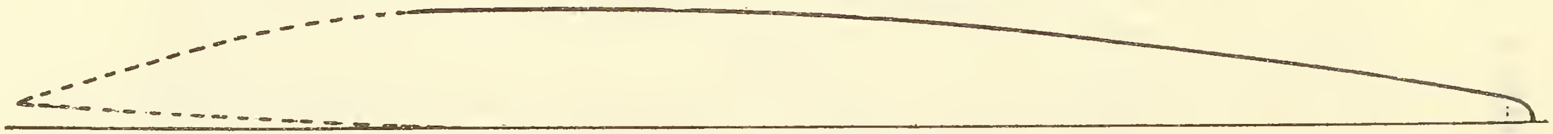
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 27.

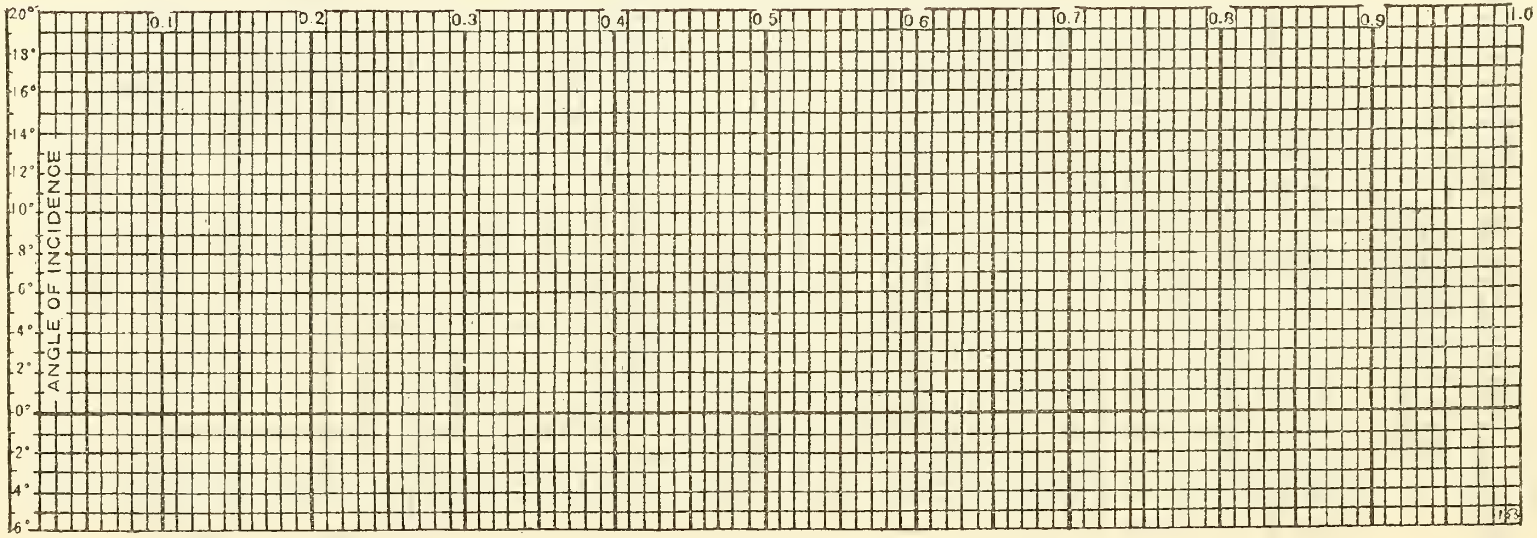
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 28.



CURVE OF CENTER OF PRESSURE TRAVEL

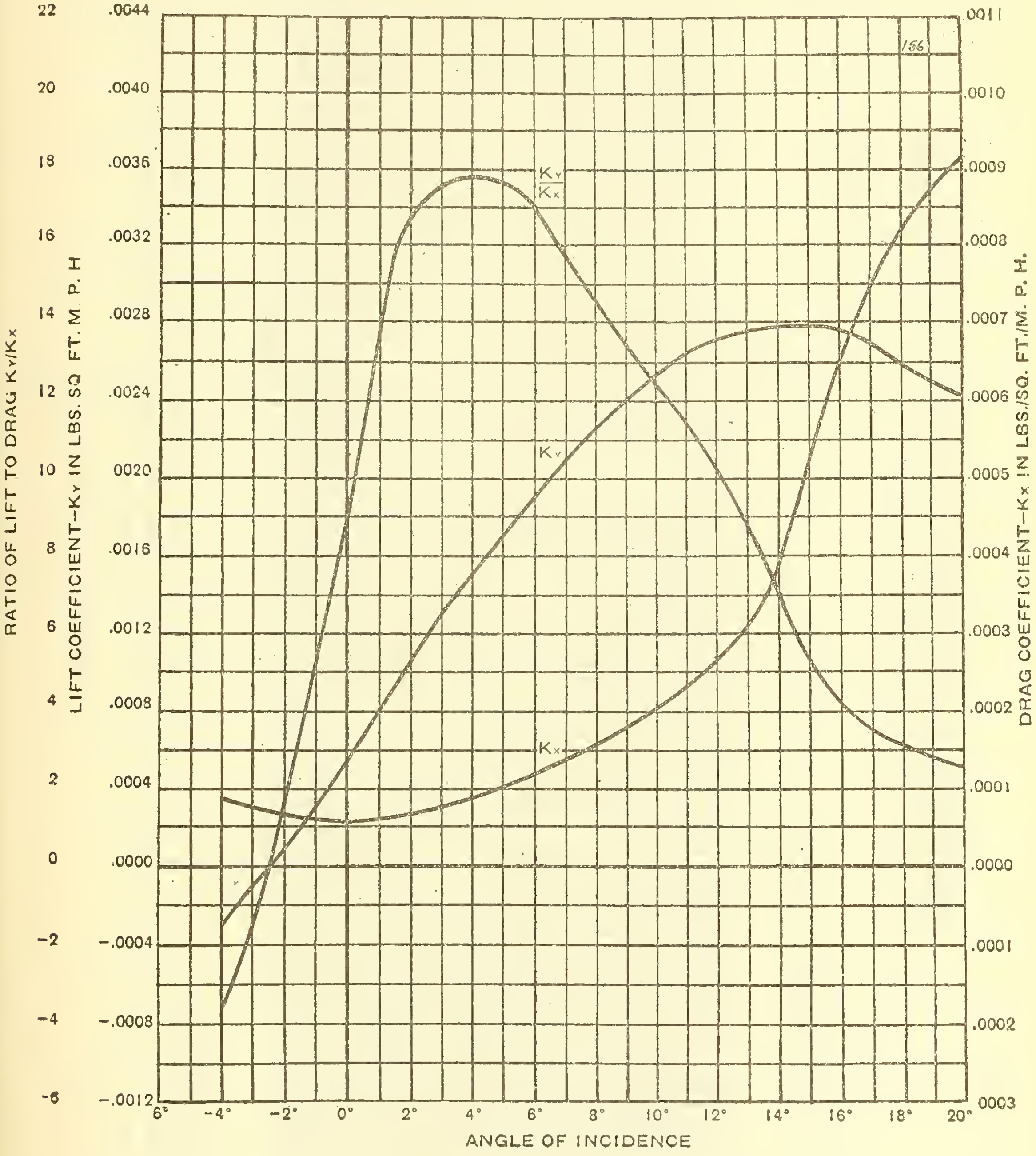


Distance from leading edge	0	.32	.44	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	.016	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	.016	0	0	0	0	0	0	0	0	0	0	0

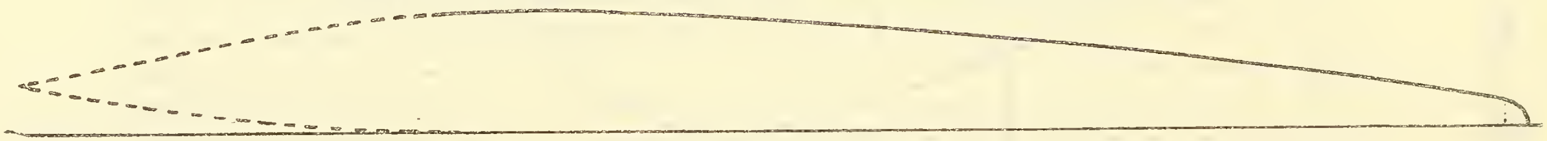
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 28.

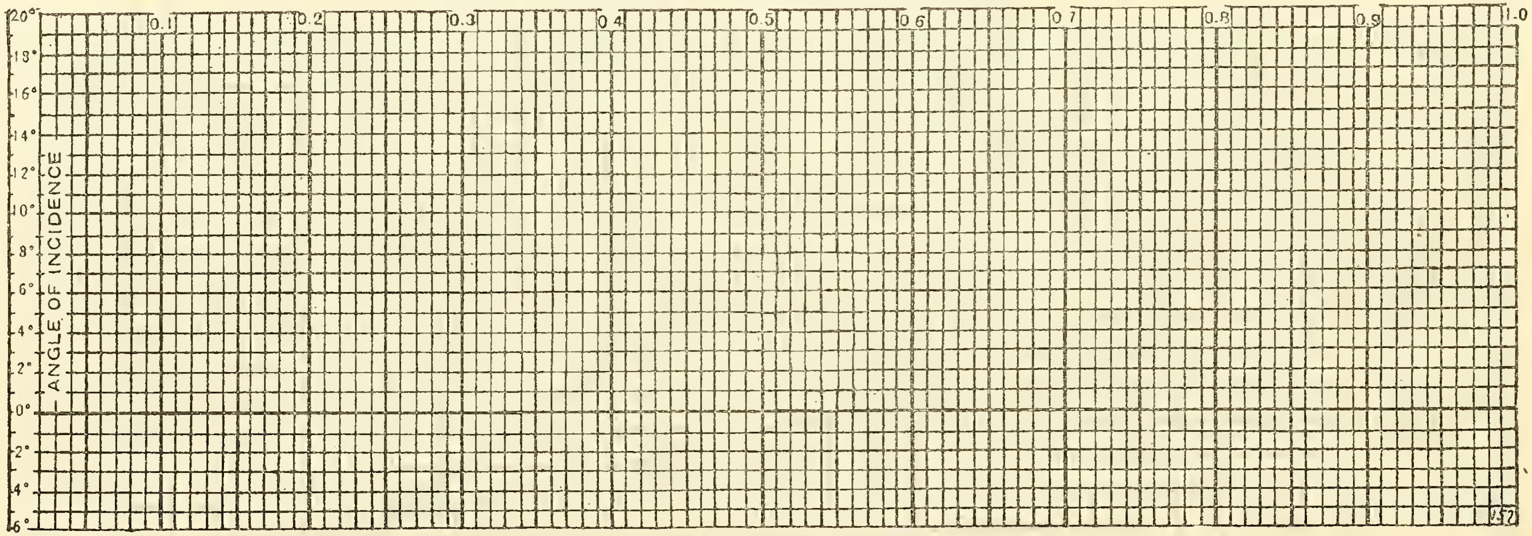
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 29.



CURVE OF CENTER OF PRESSURE TRAVEL

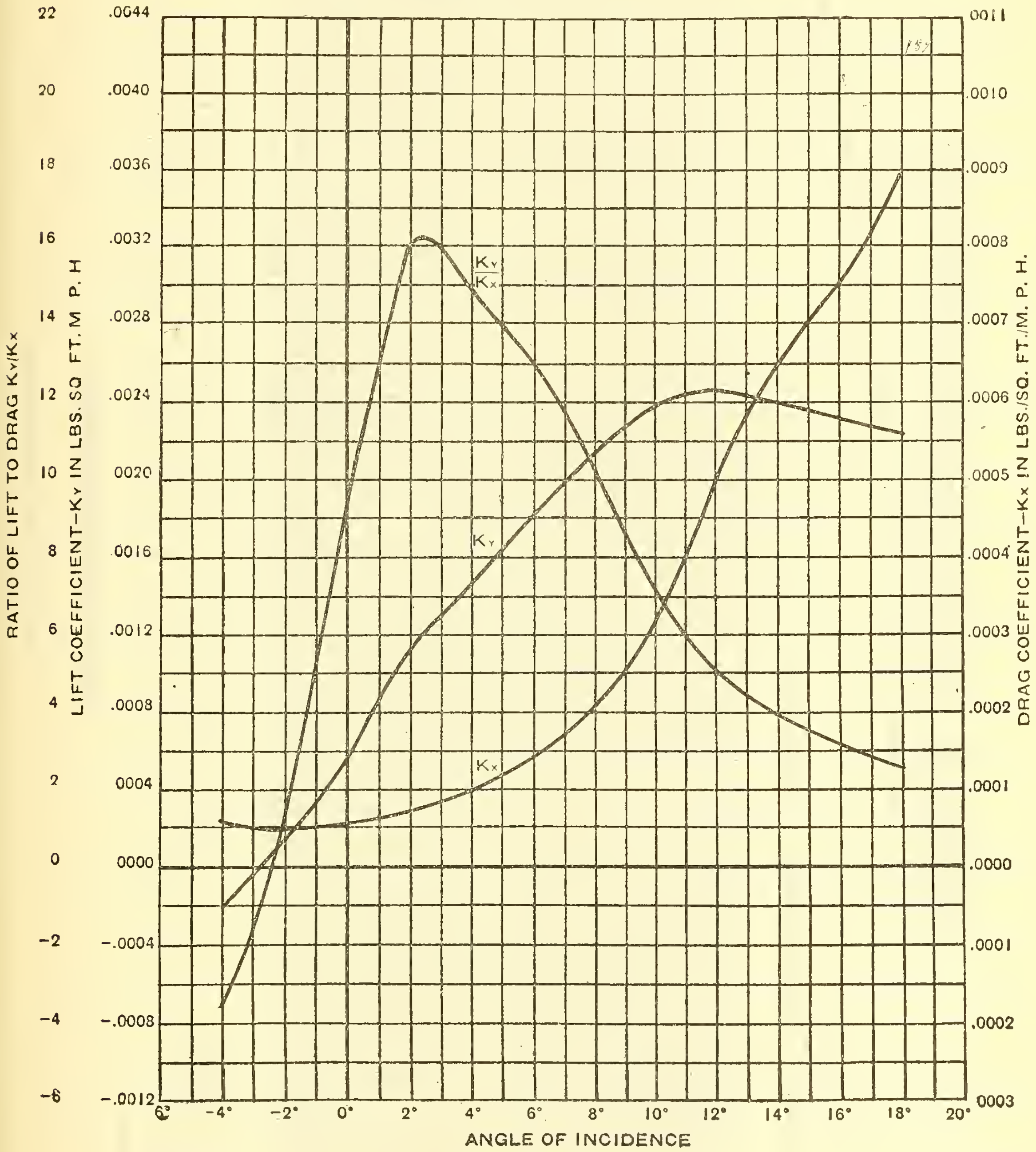


Distance from leading edge	0	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	.033	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	.033	0	0	0	0	0	0	0	0	0	0	0

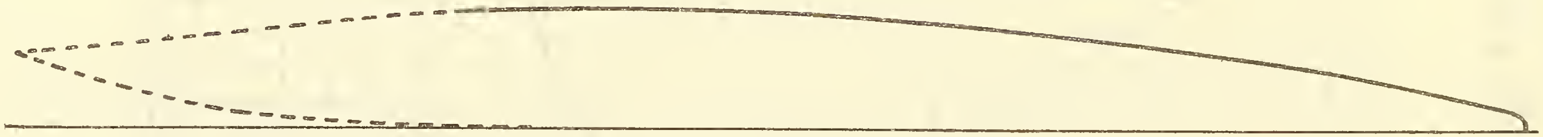
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 29.

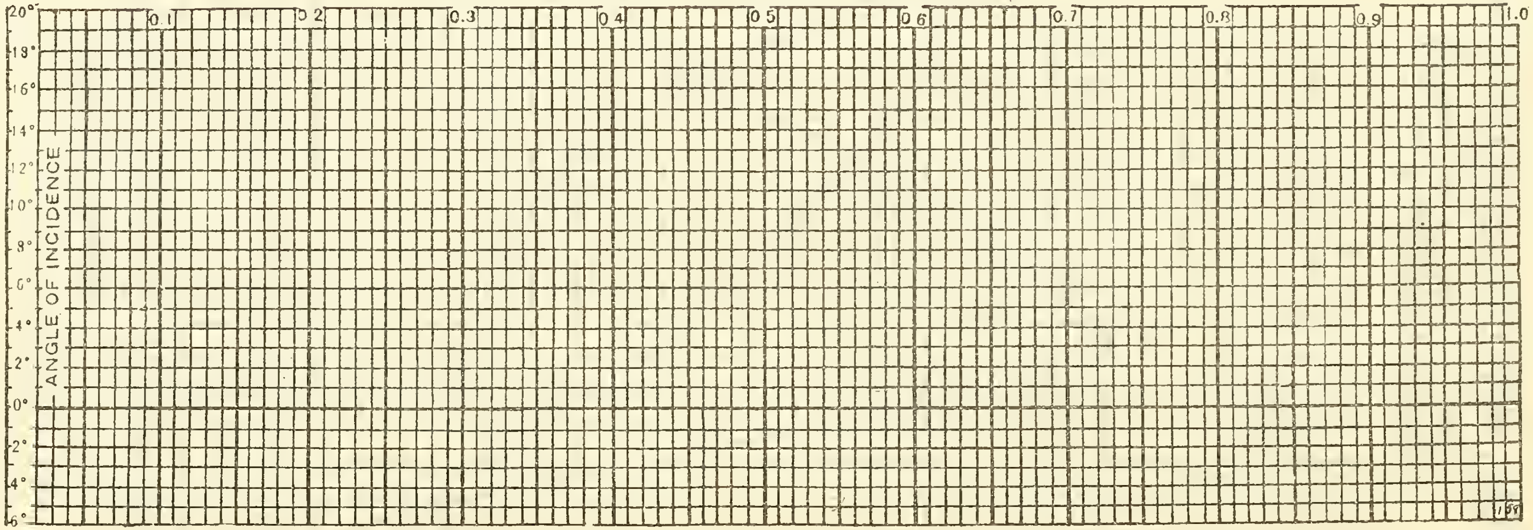
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 30.



CURVE OF CENTER OF PRESSURE TRAVEL

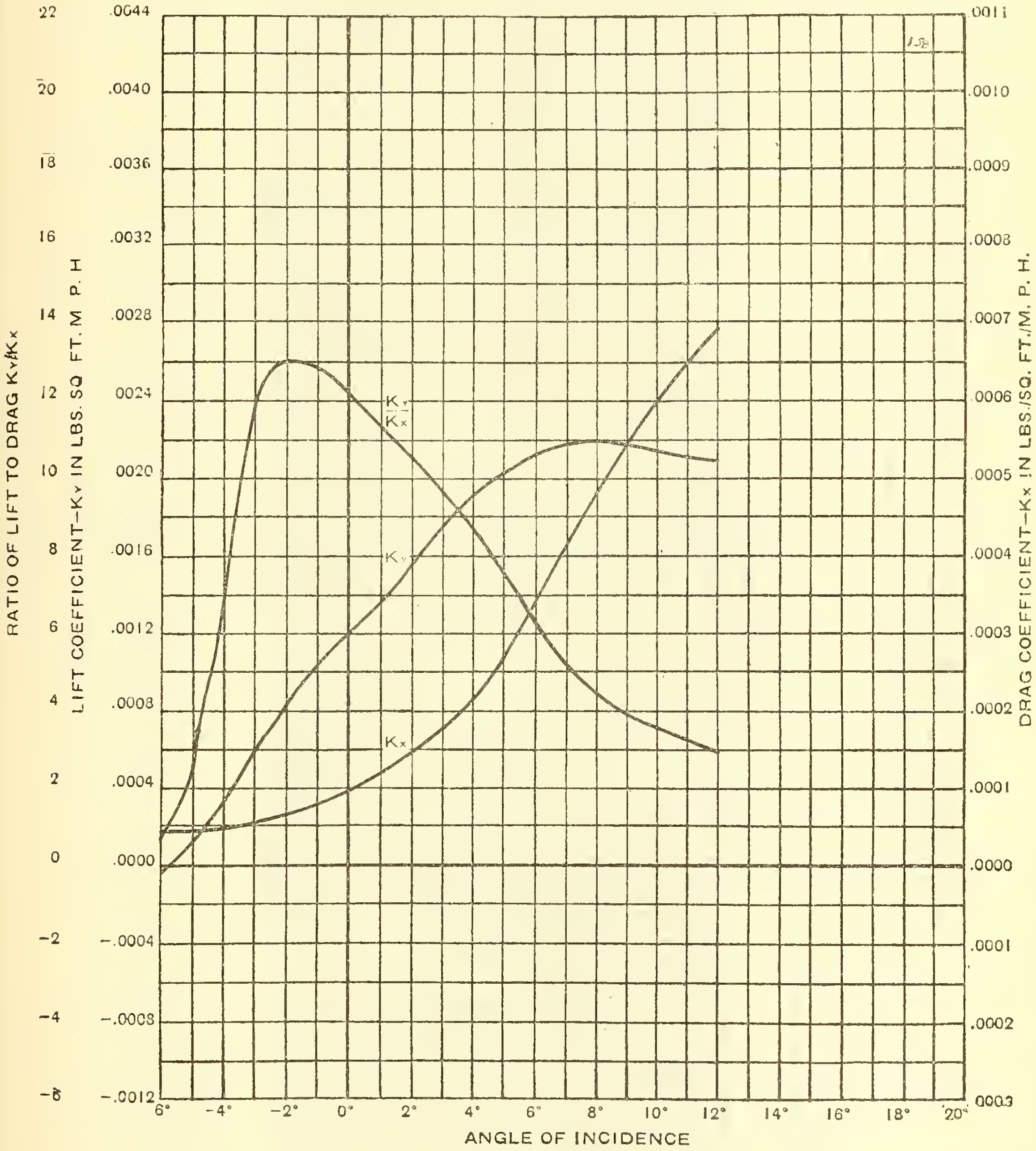


Distance from leading edge	0	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	.05	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	.05	0	0	0	0	0	0	0	0	0	0	0

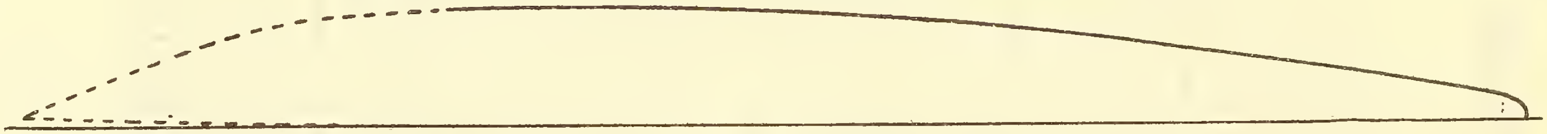
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 30.

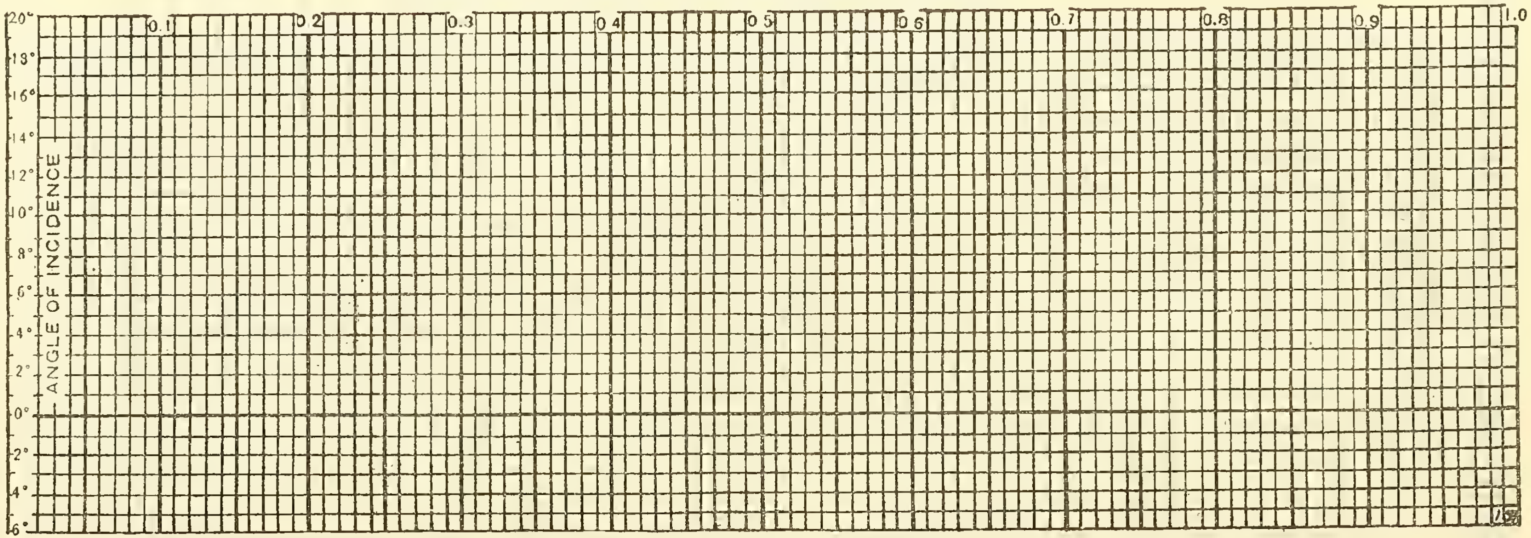
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, NAYLER & GRIFFITHS No. 31.



CURVE OF CENTER OF PRESSURE TRAVEL

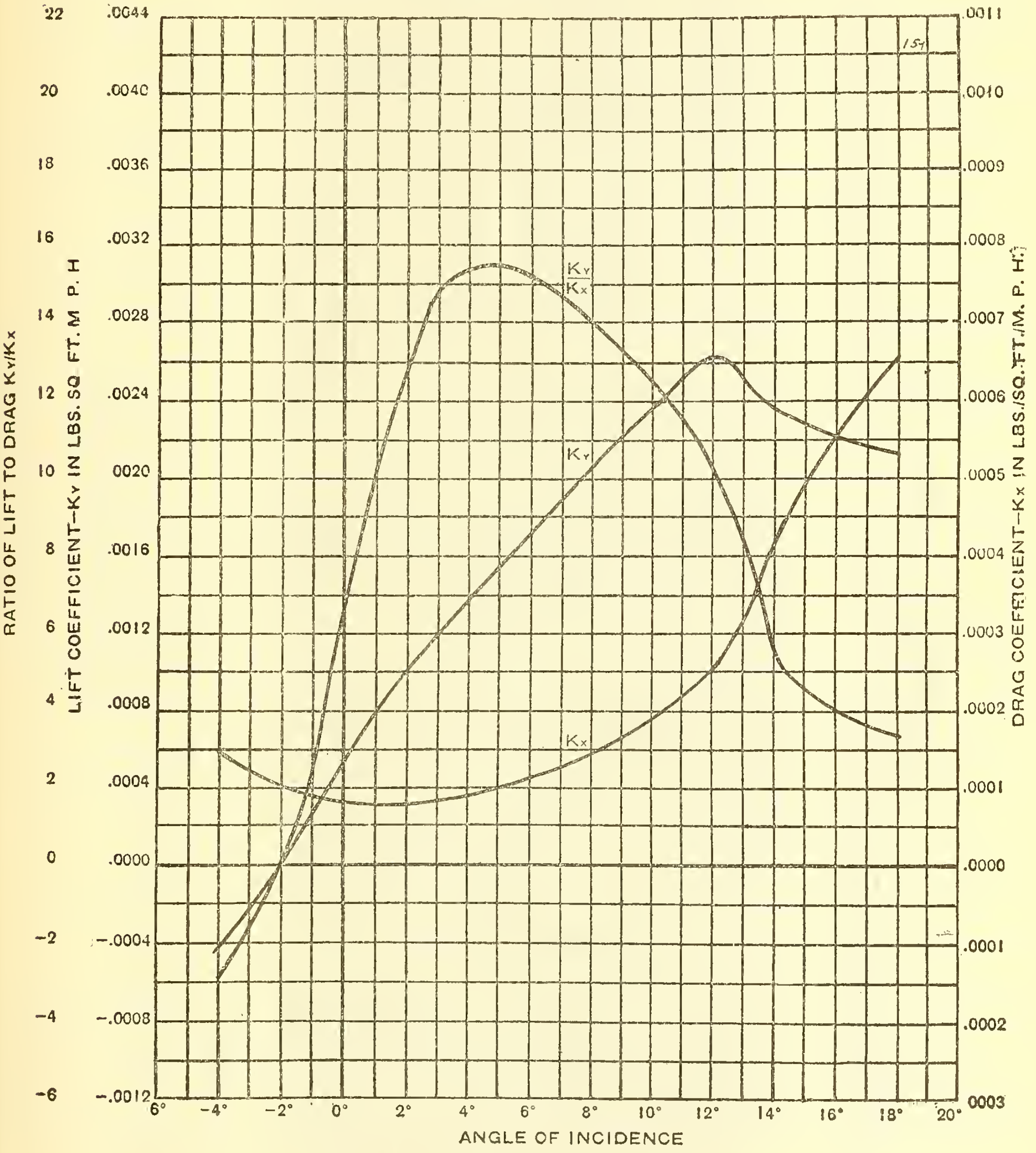


Distance from leading edge	0	.32	.40	.50	.60	.70	.80	.90	.96	.98	.99	1.00
Upper camber	.008	.078	.077	.073	.068	.059	.047	.032	.021	.016	.013	0
Lower camber	.008	0	0	0	0	0	0	0	0	0	0	0

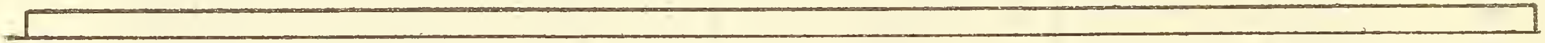
All dimensions given as decimal parts of chord.

AEROFOIL, NAYLER & GRIFFITHS No. 31.

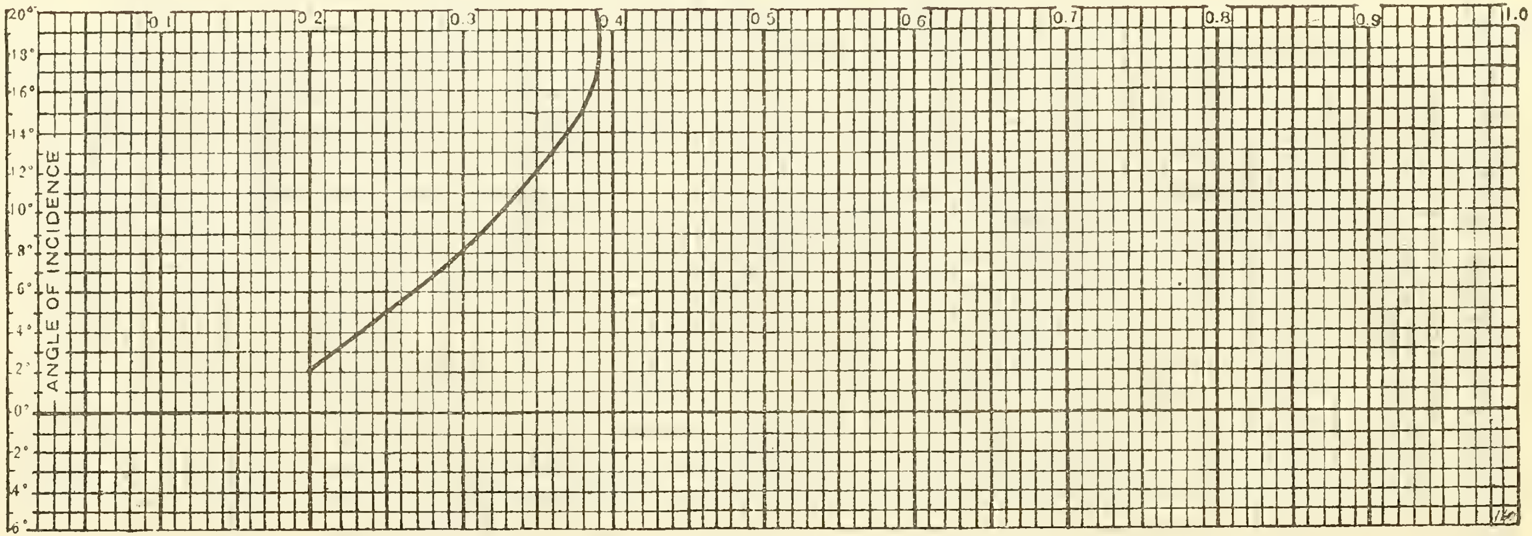
SIZE OF MODEL, 18 BY 3 INCHES.
VELOCITY OF WIND, 27.3 M. P. H.
WIND TUNNEL, N. P. L.



AEROFOIL, EIFFEL No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

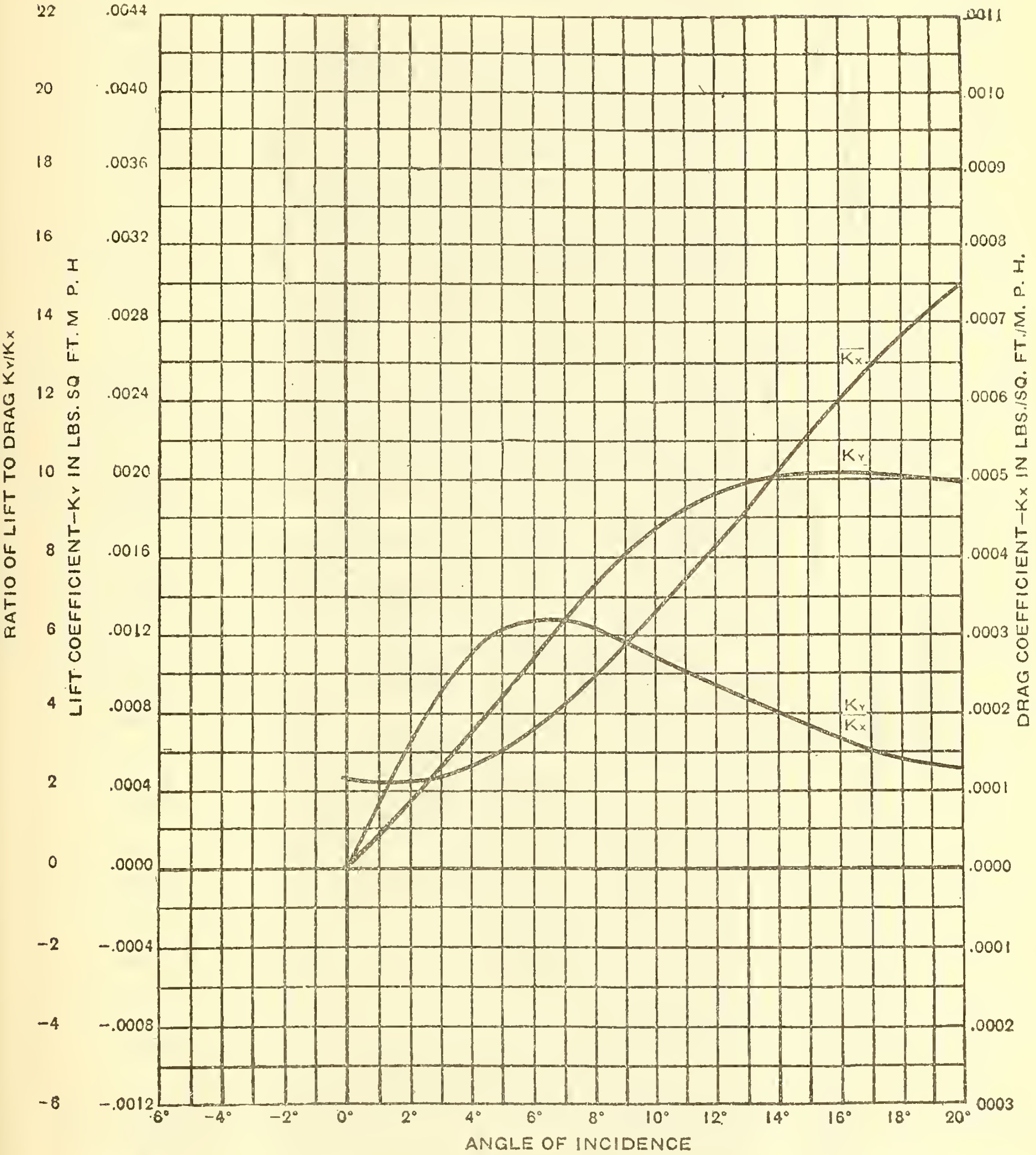


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	.02	.02	.02	.02	.02	.02
Lower camber	0	0	0	0	0	0

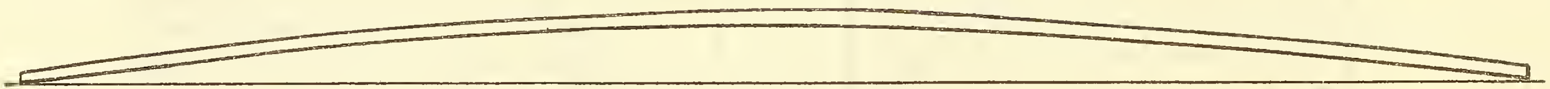
All dimensions given as decimal parts of chord.

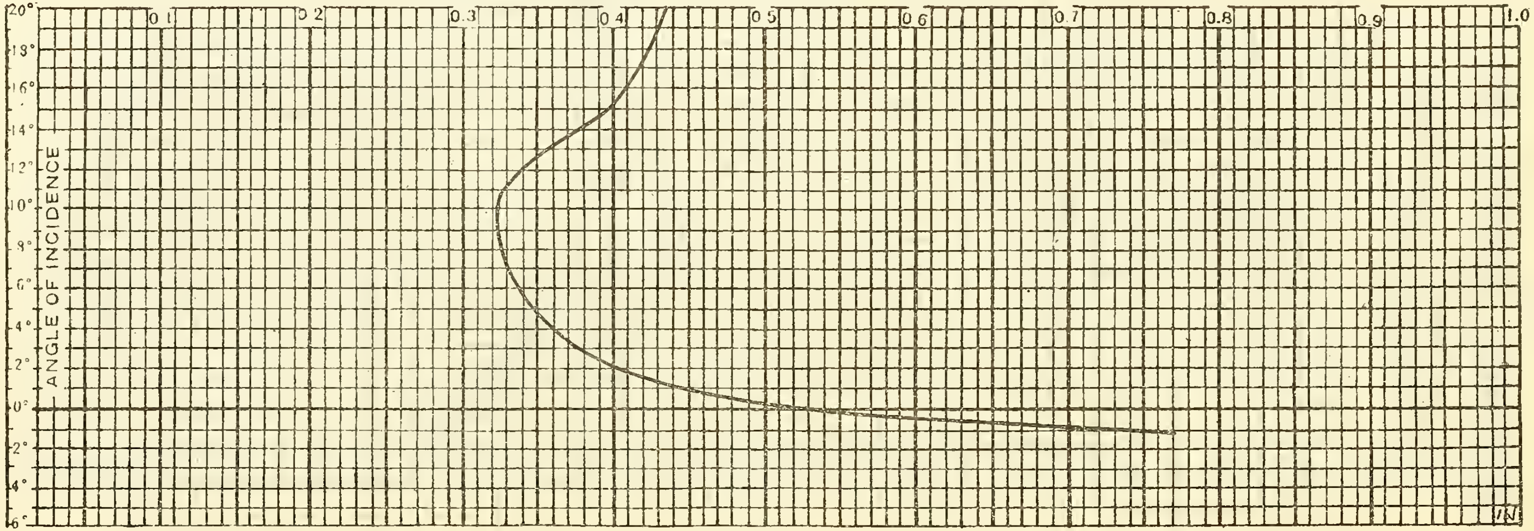
AEROFOIL, EIFFEL No. 1.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 2.



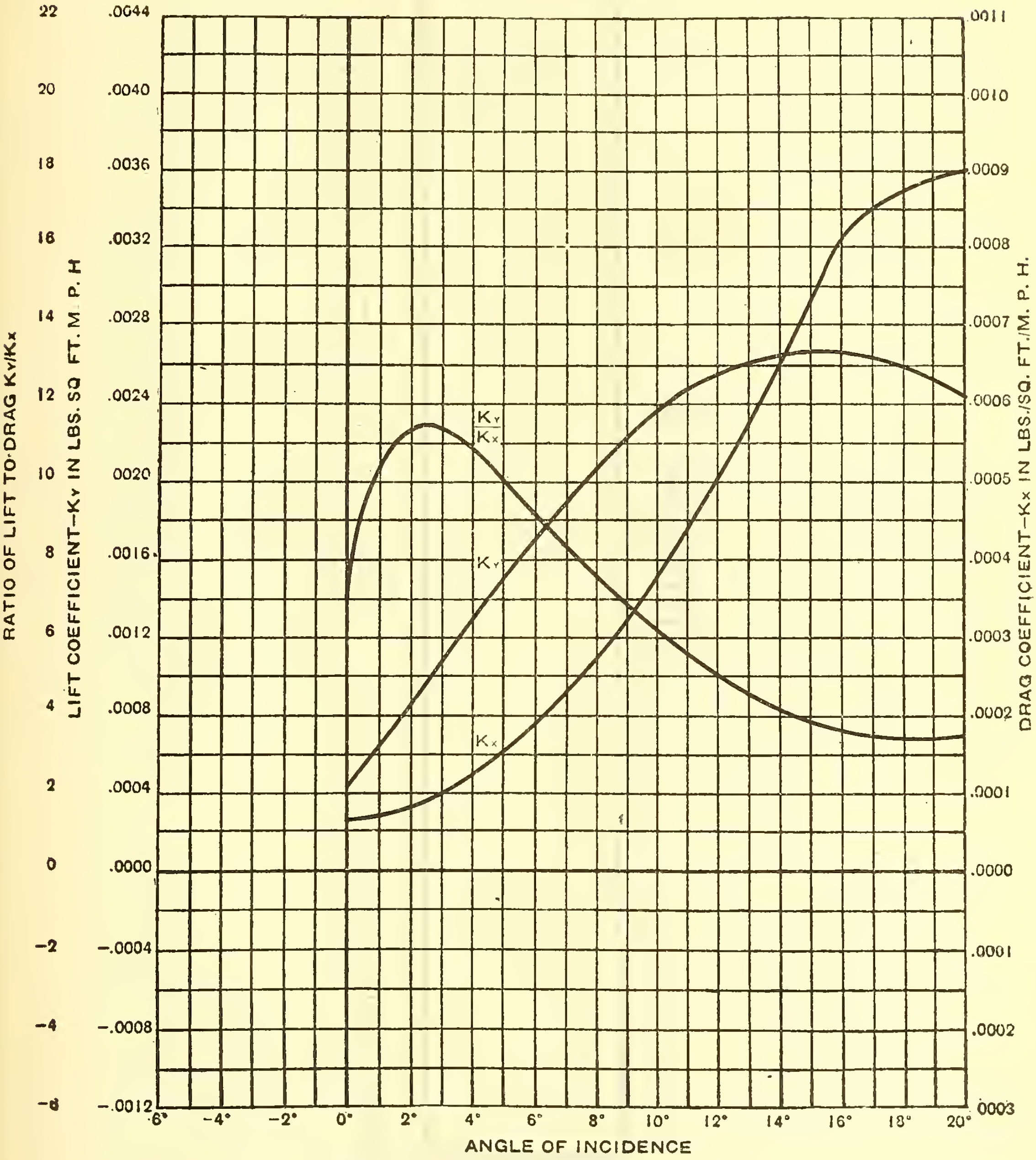

CURVE OF CENTER OF PRESSURE TRAVEL

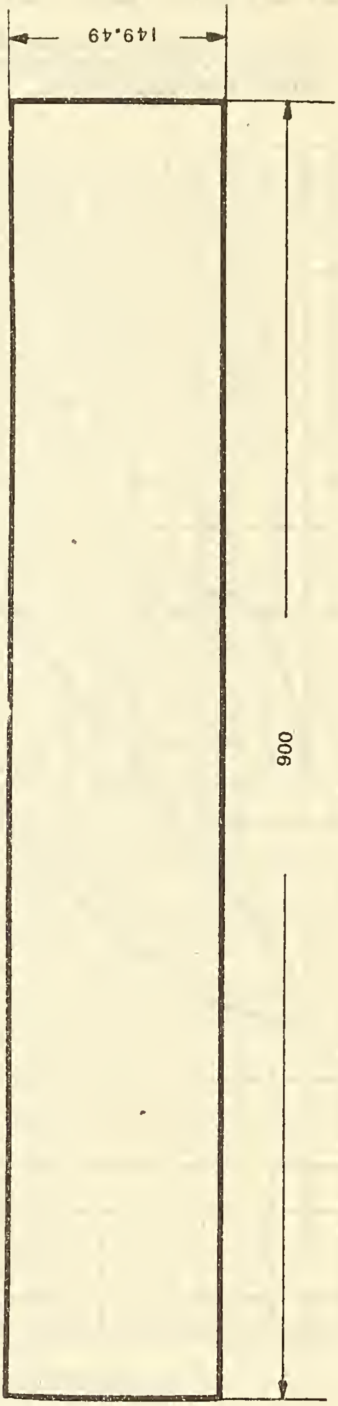
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0134	.027	.037	.045	.049	.041	.049	.045	.037	.027	.0134
Lower camber	0	.014	.024	.032	.036	.038	.036	.032	.024	.014	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 2.

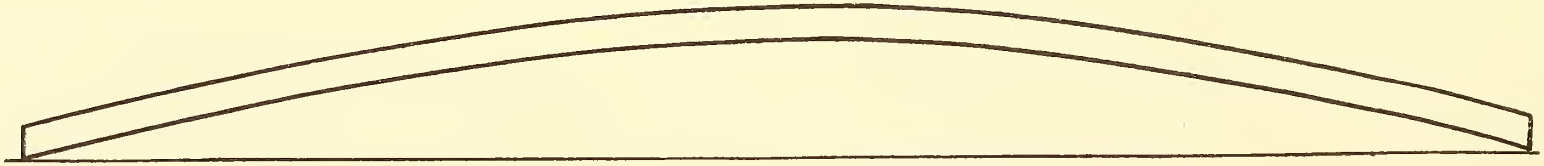
SIZE OF MODEL, 900 BY 149.49 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



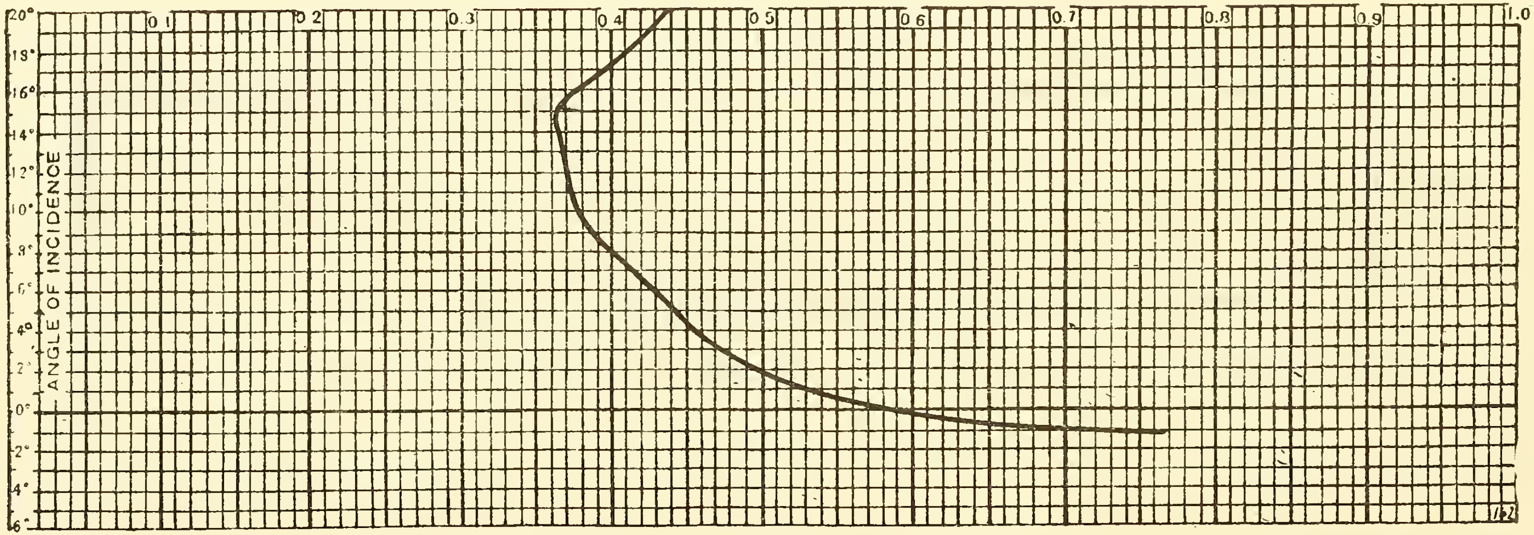


EIFFEL NO. 2.

AEROFOIL, EIFFEL No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

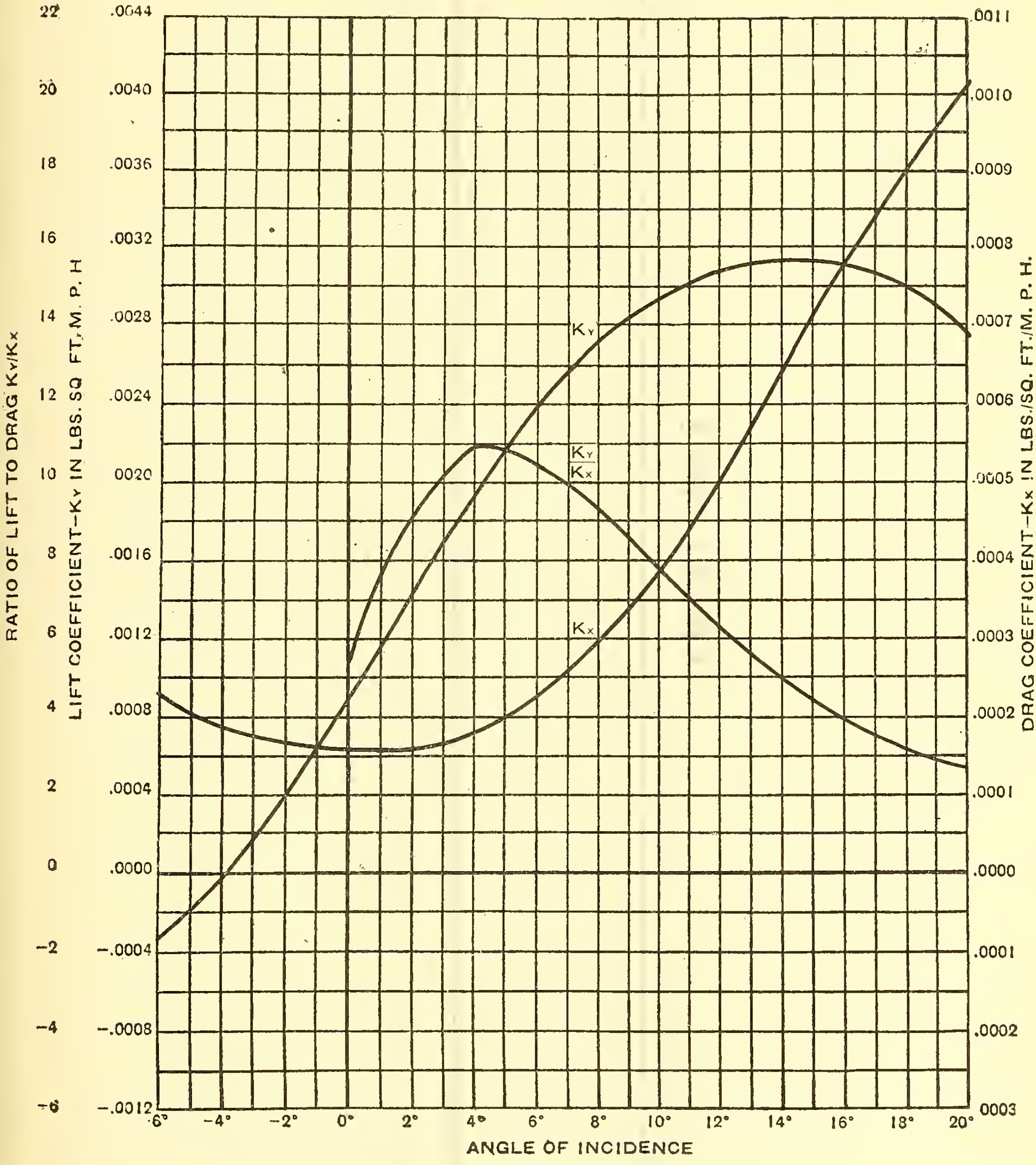


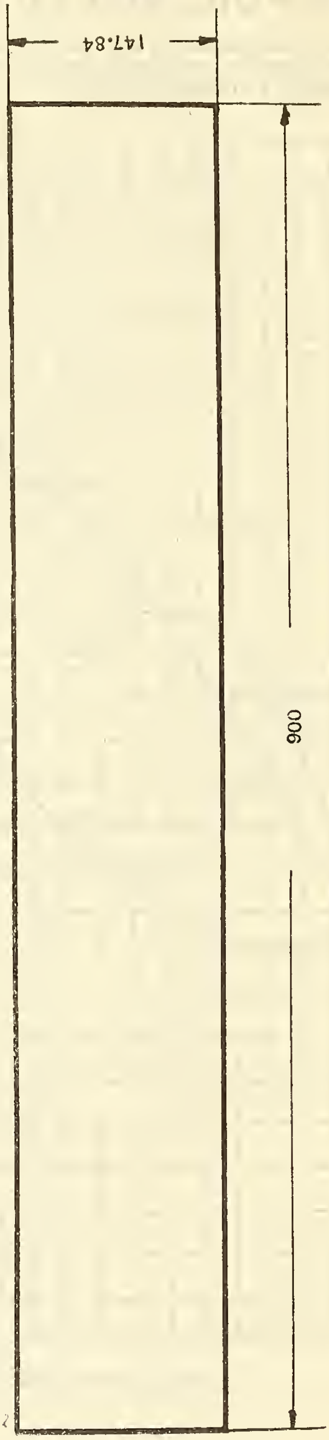
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0217	.0488	.0685	.0834	.0918	.0953	.0918	.0834	.0685	.0488	.0217
Lower camber	0	.0270	.0470	.0620	.0705	.0740	.0705	.0620	.0470	.0270	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 3.

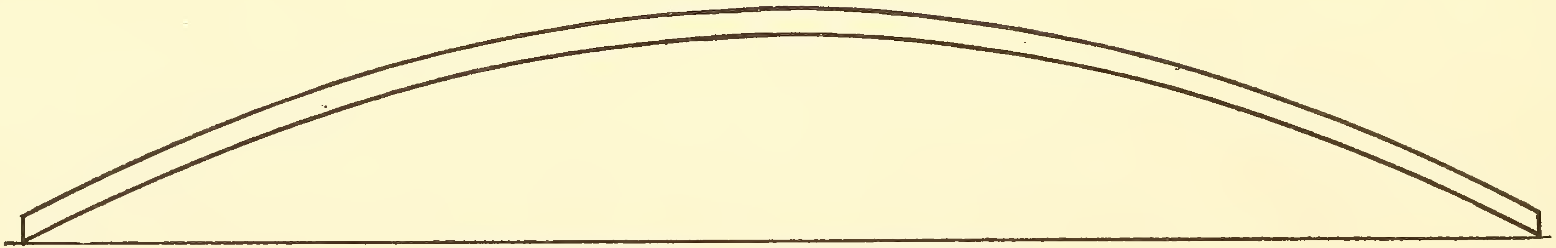
SIZE OF MODEL, 900 BY 147.84 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



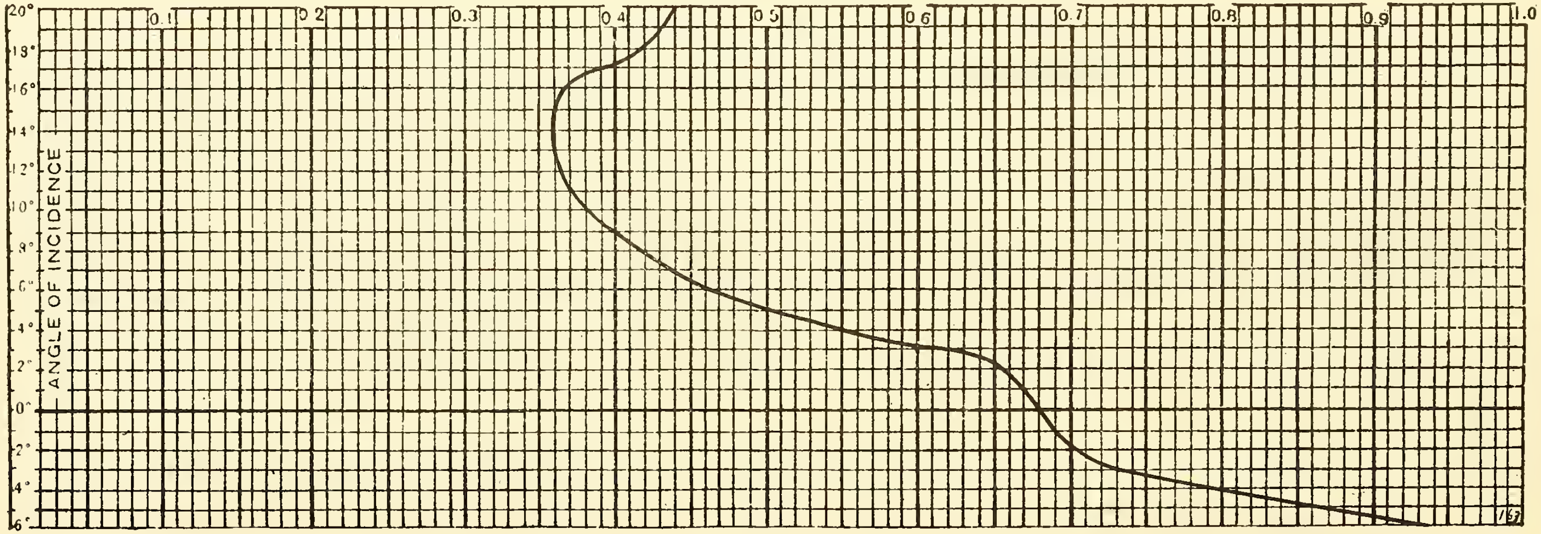


EIFFEL No. 3.

AEROFOIL, EIFFEL No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

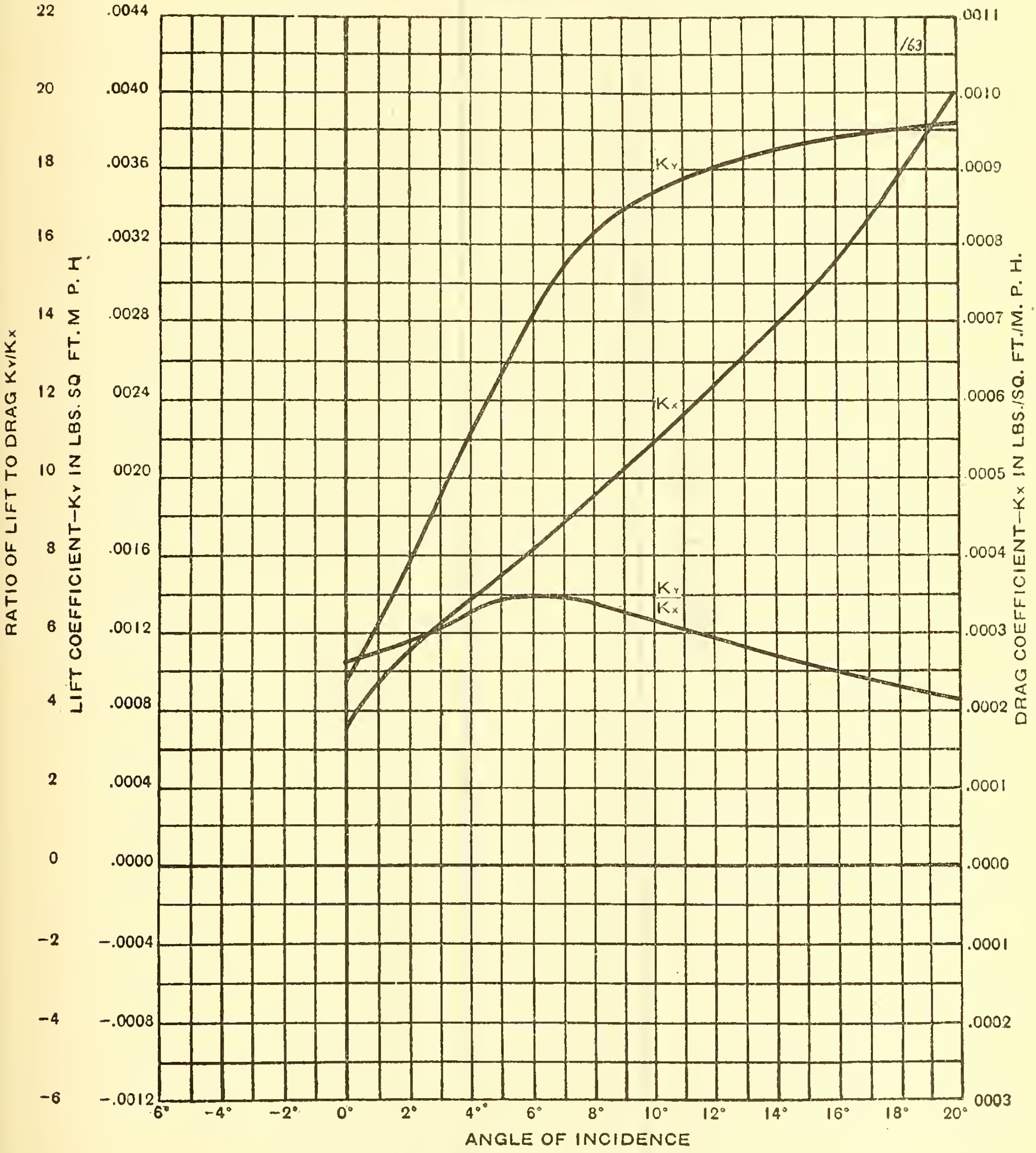


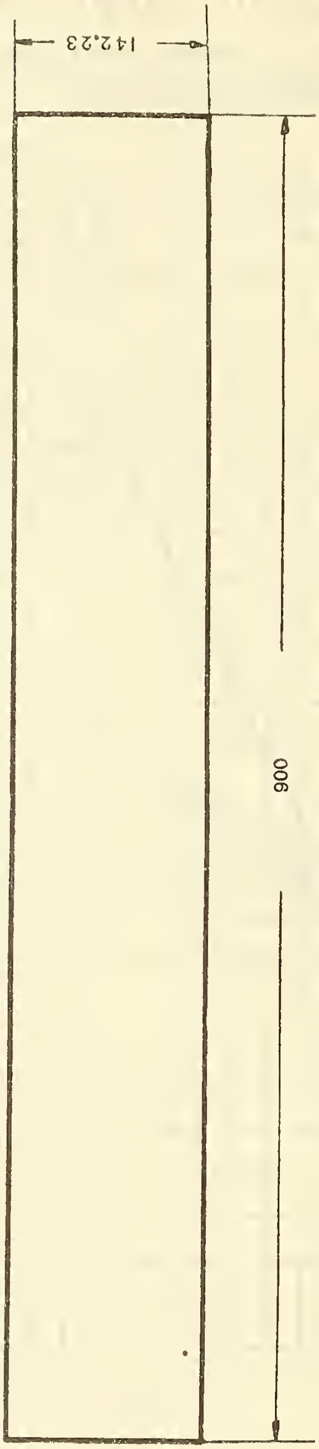
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0170	.0654	.1024	.1275	.1422	.1470	.1422	.1275	.1024	.0654	.0170
Lower camber	0	.0500	.0875	.1130	.1280	.1330	.1280	.1130	.0875	.0500	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 4.

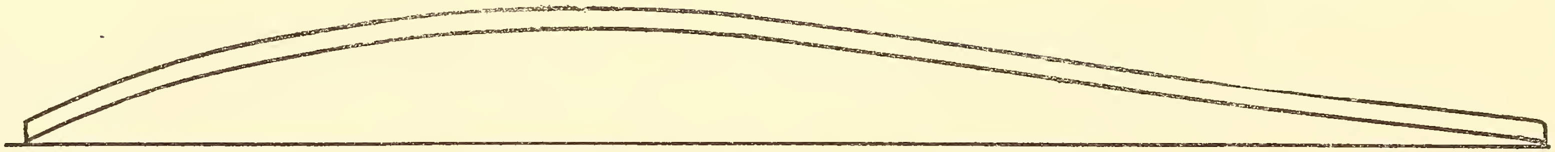
SIZE OF MODEL, 900 BY 142.23 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



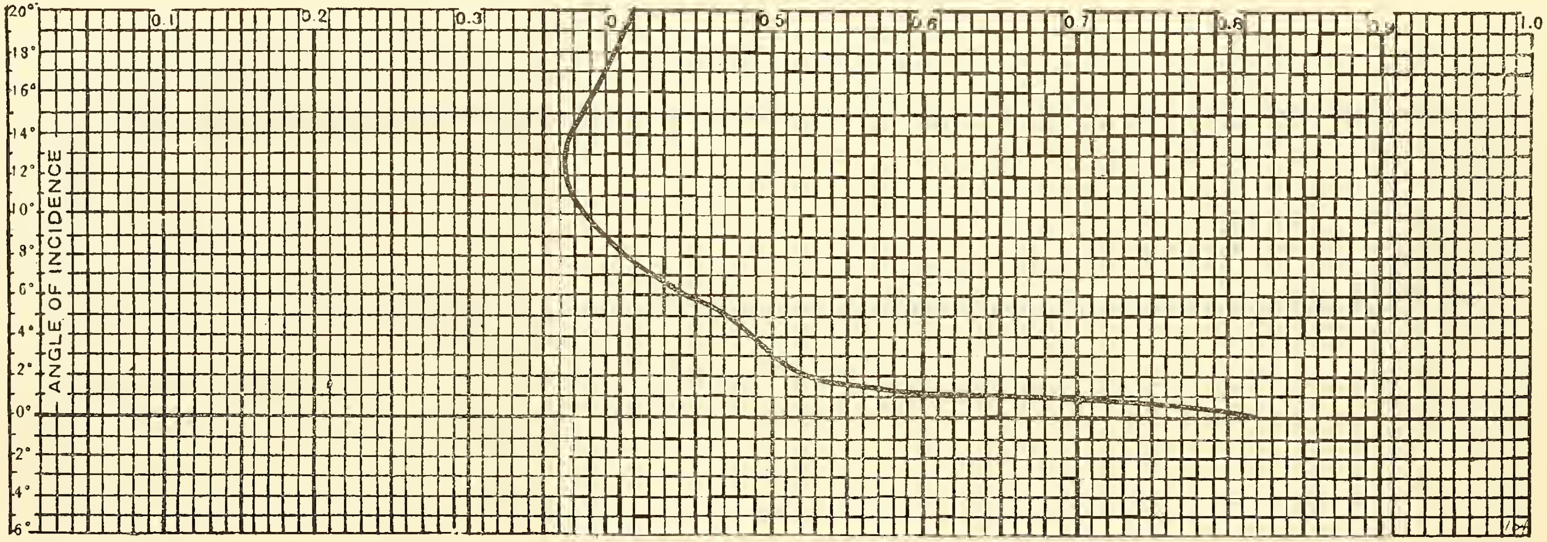


EIFFEL NO. 4.

AEROFOIL, EIFFEL No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL

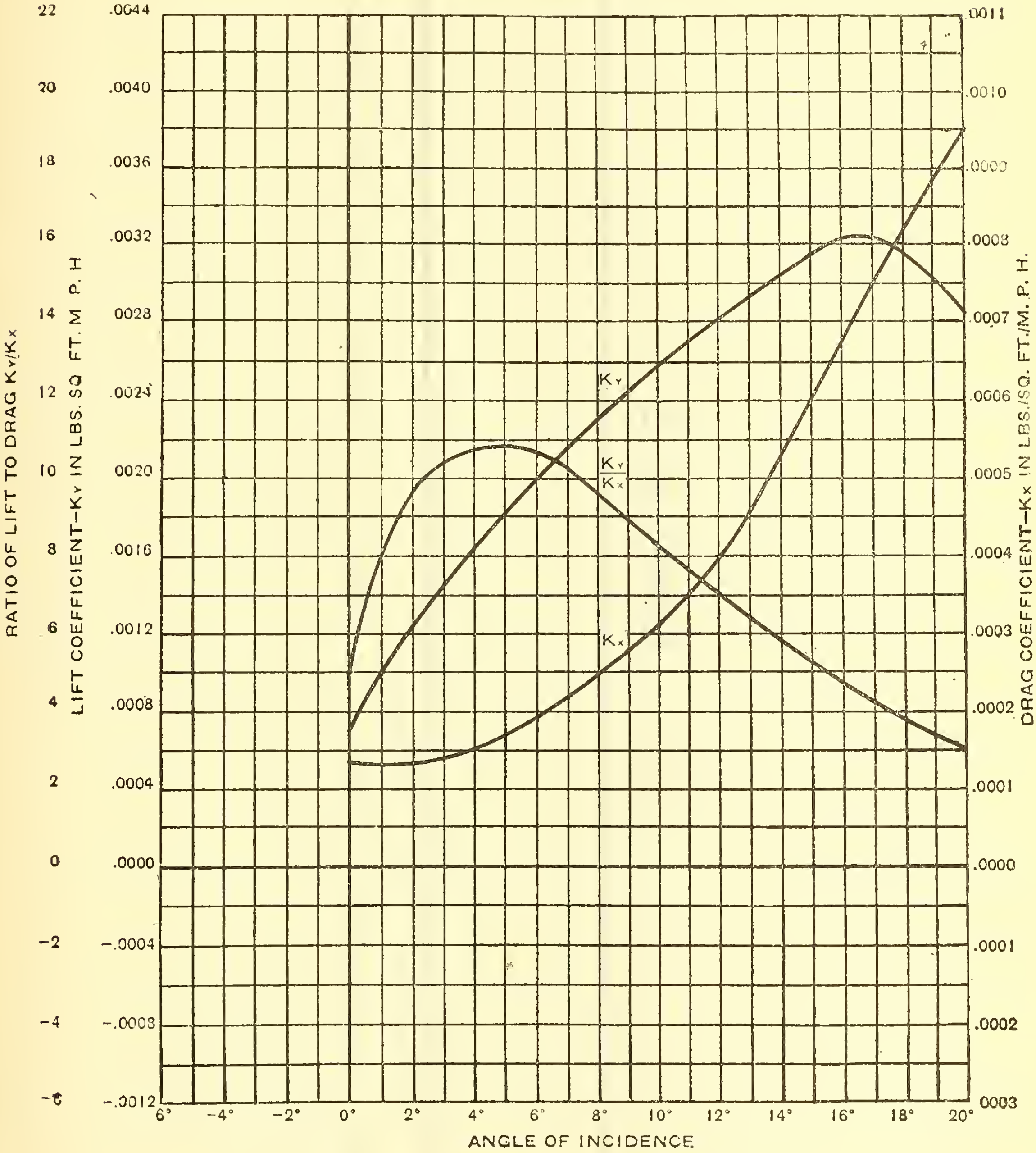


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.013	.032	.049	.073	.087	.089	.080	.067	.054	.039	.025	.013
Lower camber	0	.019	.036	.060	.074	.076	.067	.054	.041	.026	.012	0

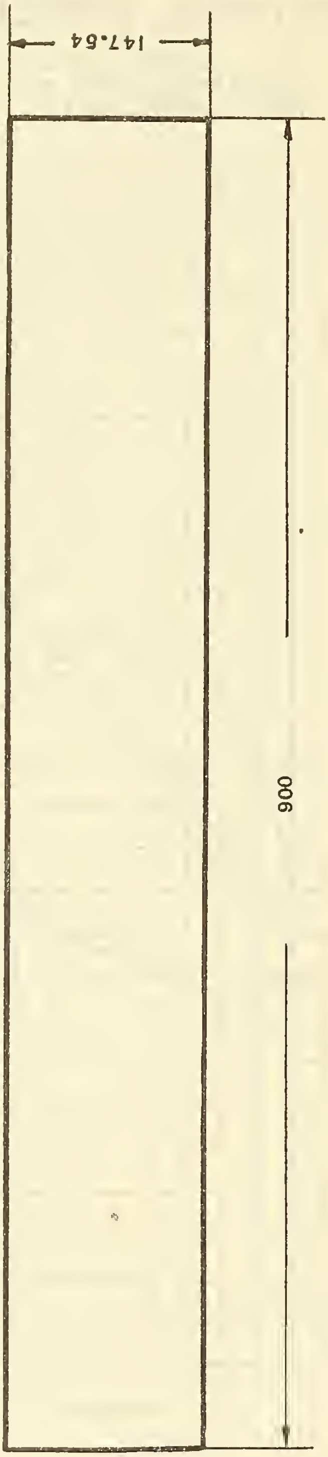
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 5.

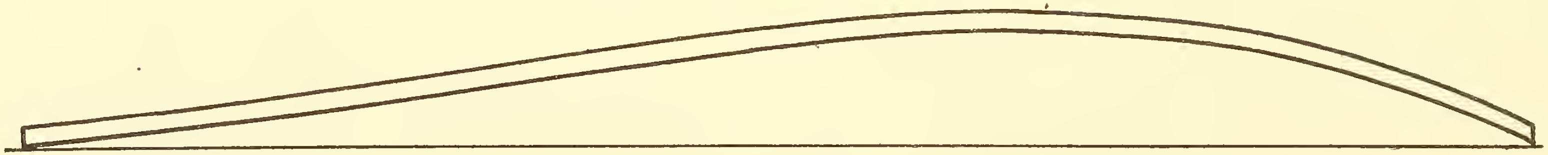
SIZE OF MODEL, 900 BY 147.54 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



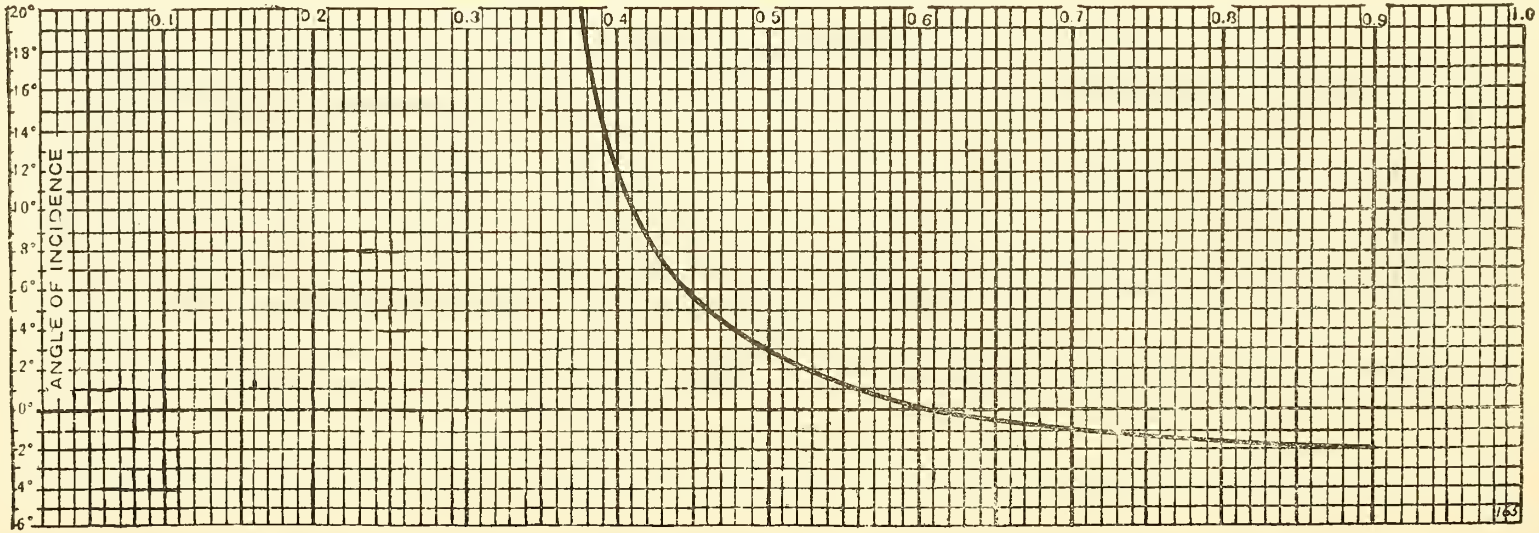
EIFFEL No. 5.



AEROFOIL, EIFFEL No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL

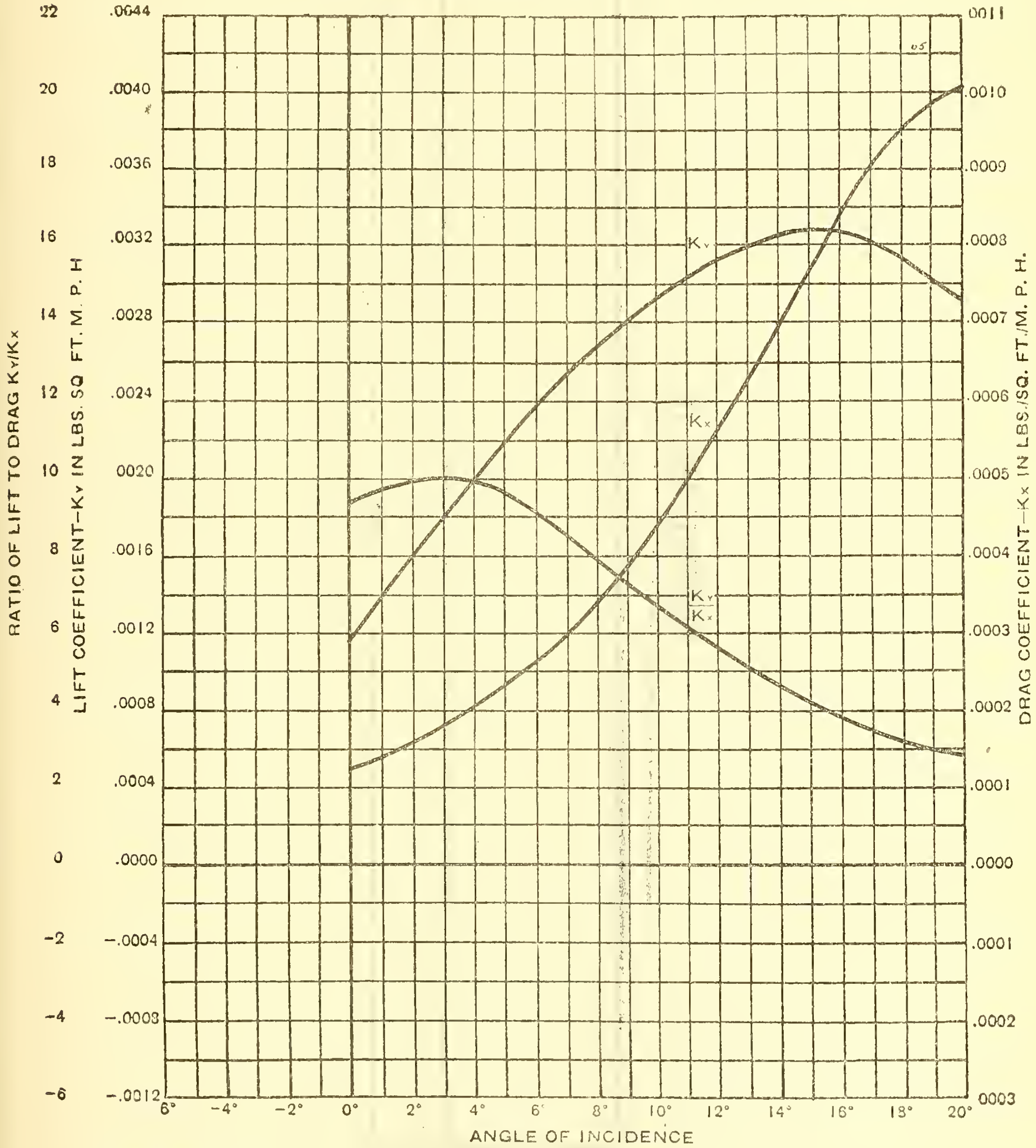


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber	.013	.025	.039	.054	.067	.080	.089	.087	.073	.049	.032	.013
Lower camber	0	.012	.026	.041	.054	.067	.076	.074	.060	.036	.019	0

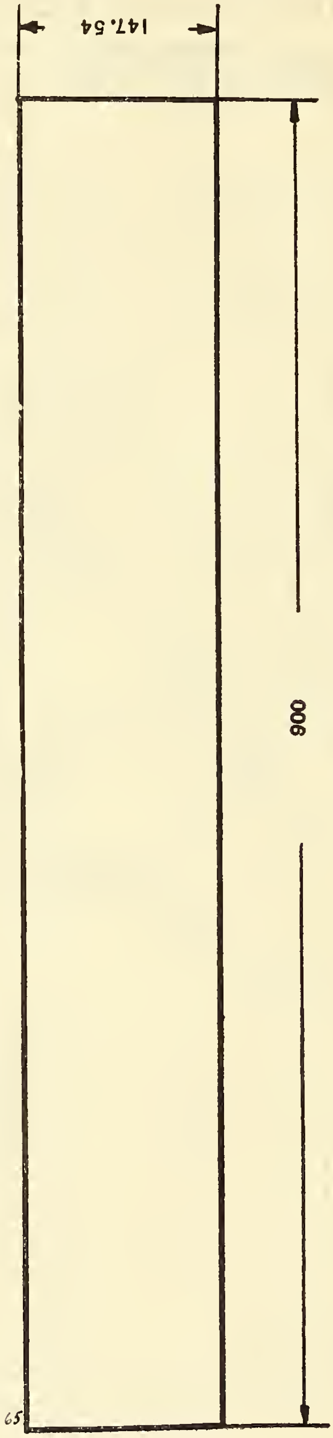
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 6.

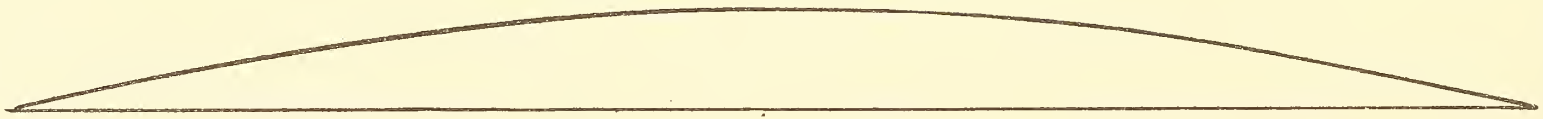
SIZE OF MODEL, 900 BY 147.54 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

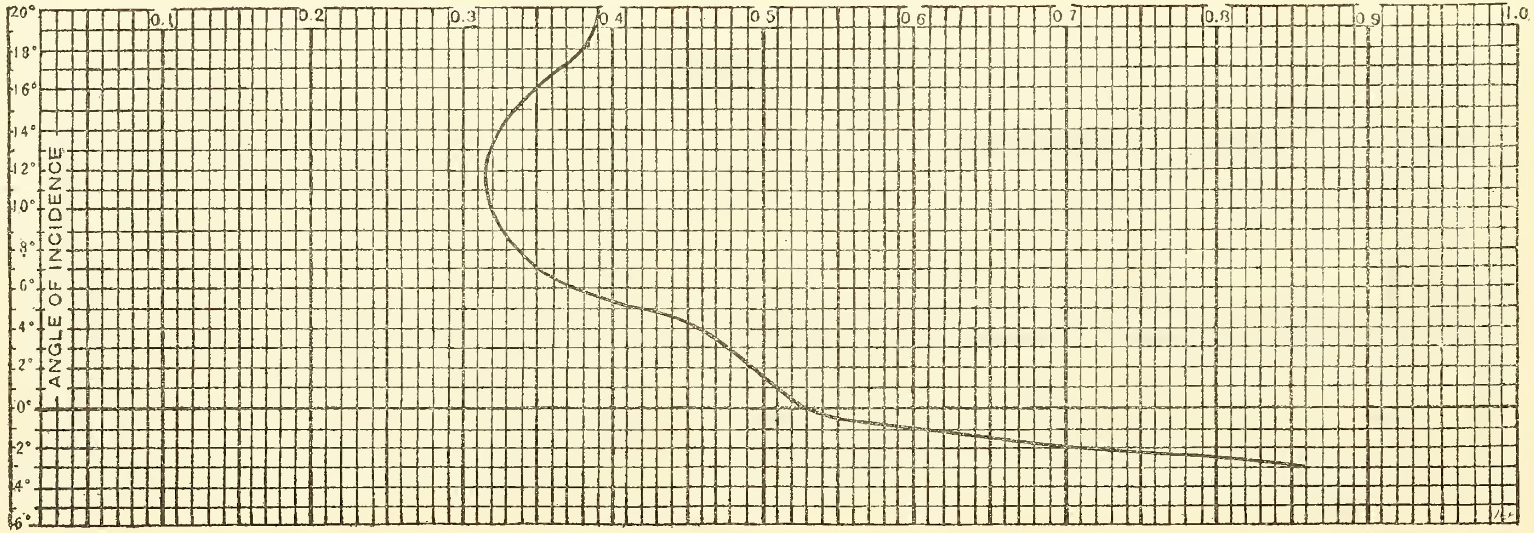


EIFFEL NO. 6.



AEROFOIL, EIFFEL No. 7.



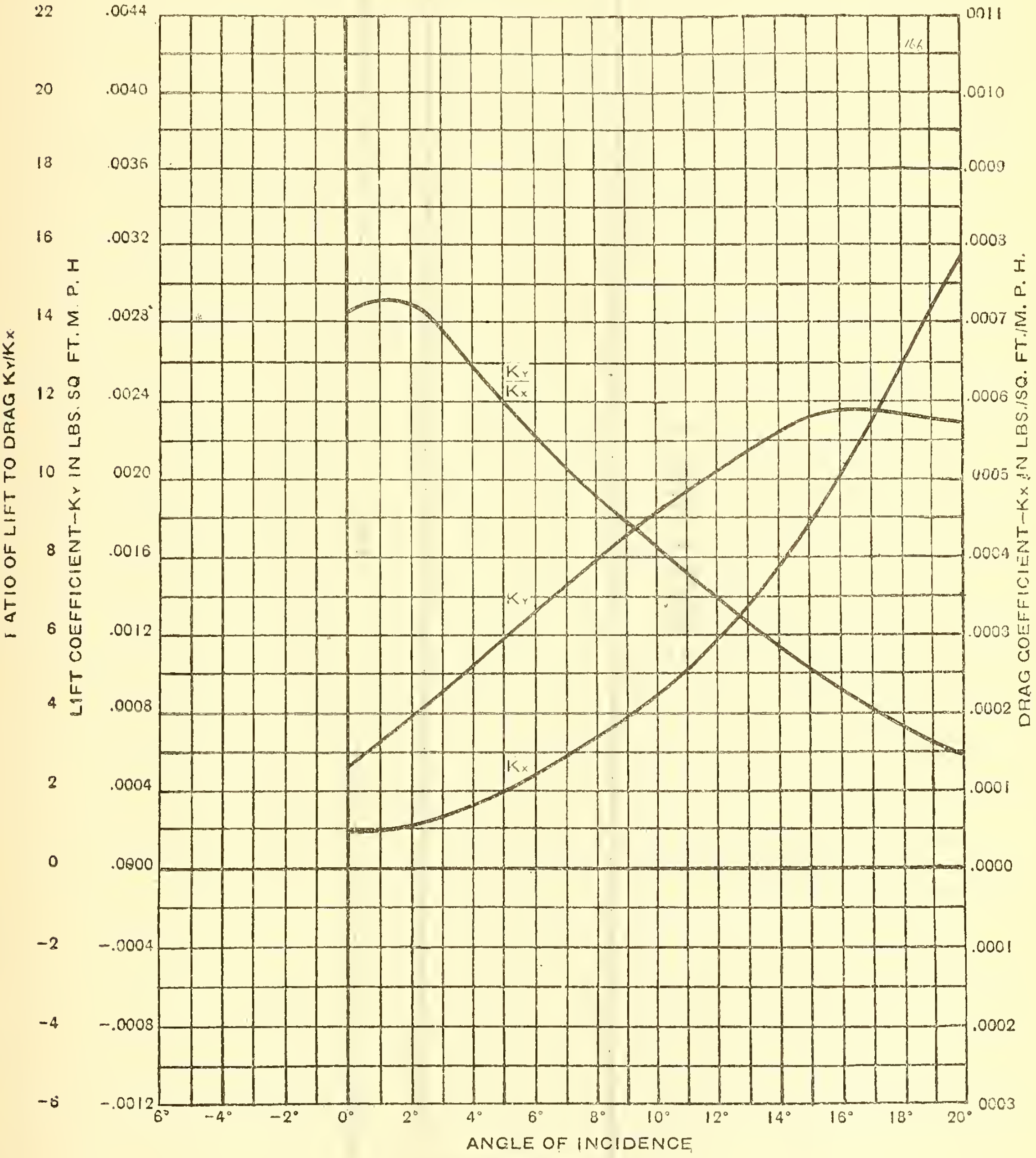

CURVE OF CENTER OF PRESSURE TRAVEL

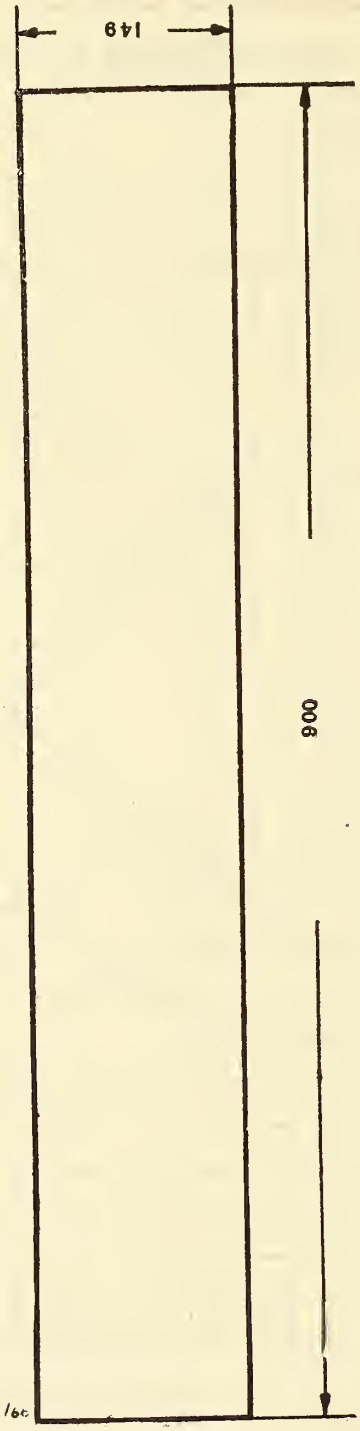
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0235	.043	.057	.0658	.067	.0658	.057	.043	.0235	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 7.

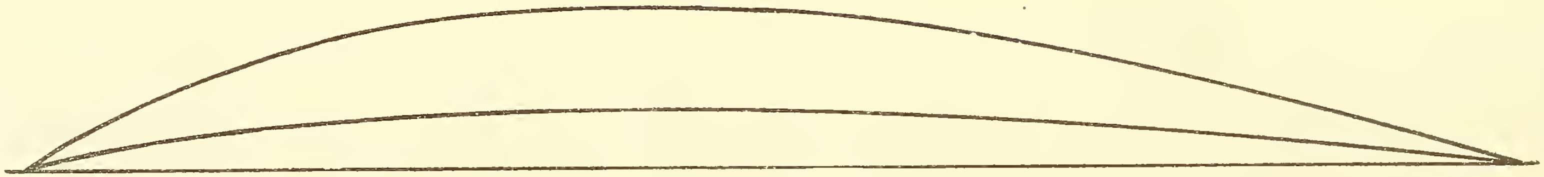
SIZE OF MODEL, 900 BY 149 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



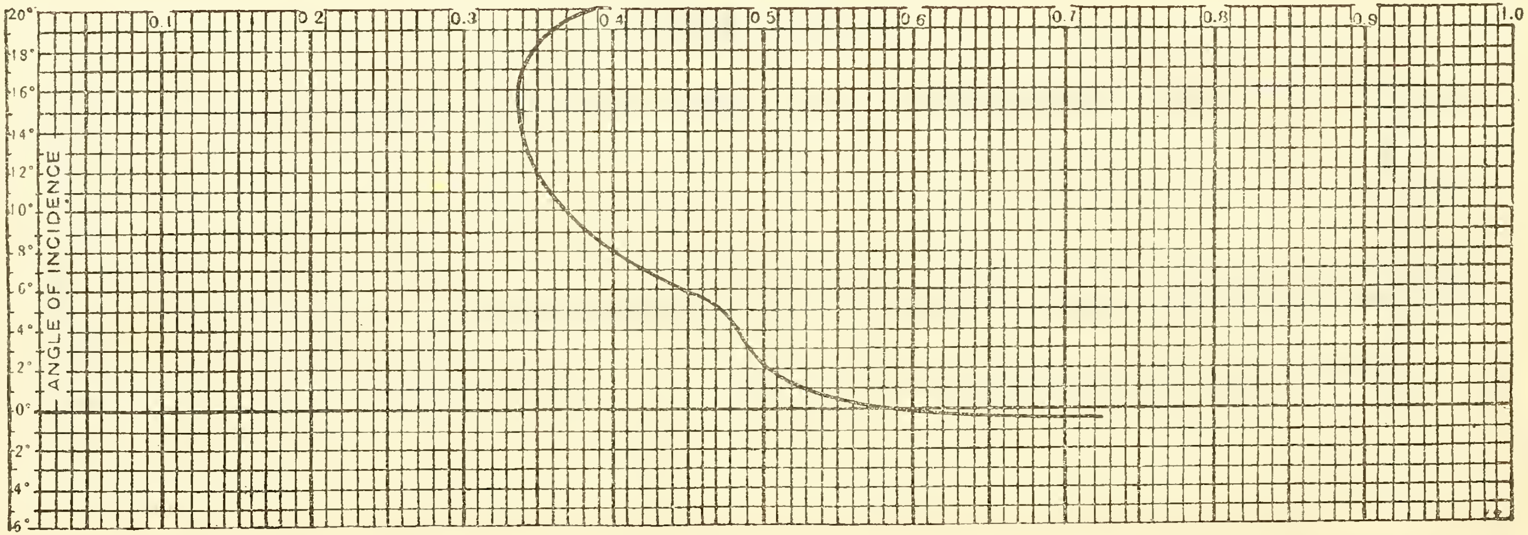


EIFFEL No. 7.

AEROFOIL, EIFFEL No. 8.



CURVE OF CENTER OF PRESSURE TRAVEL

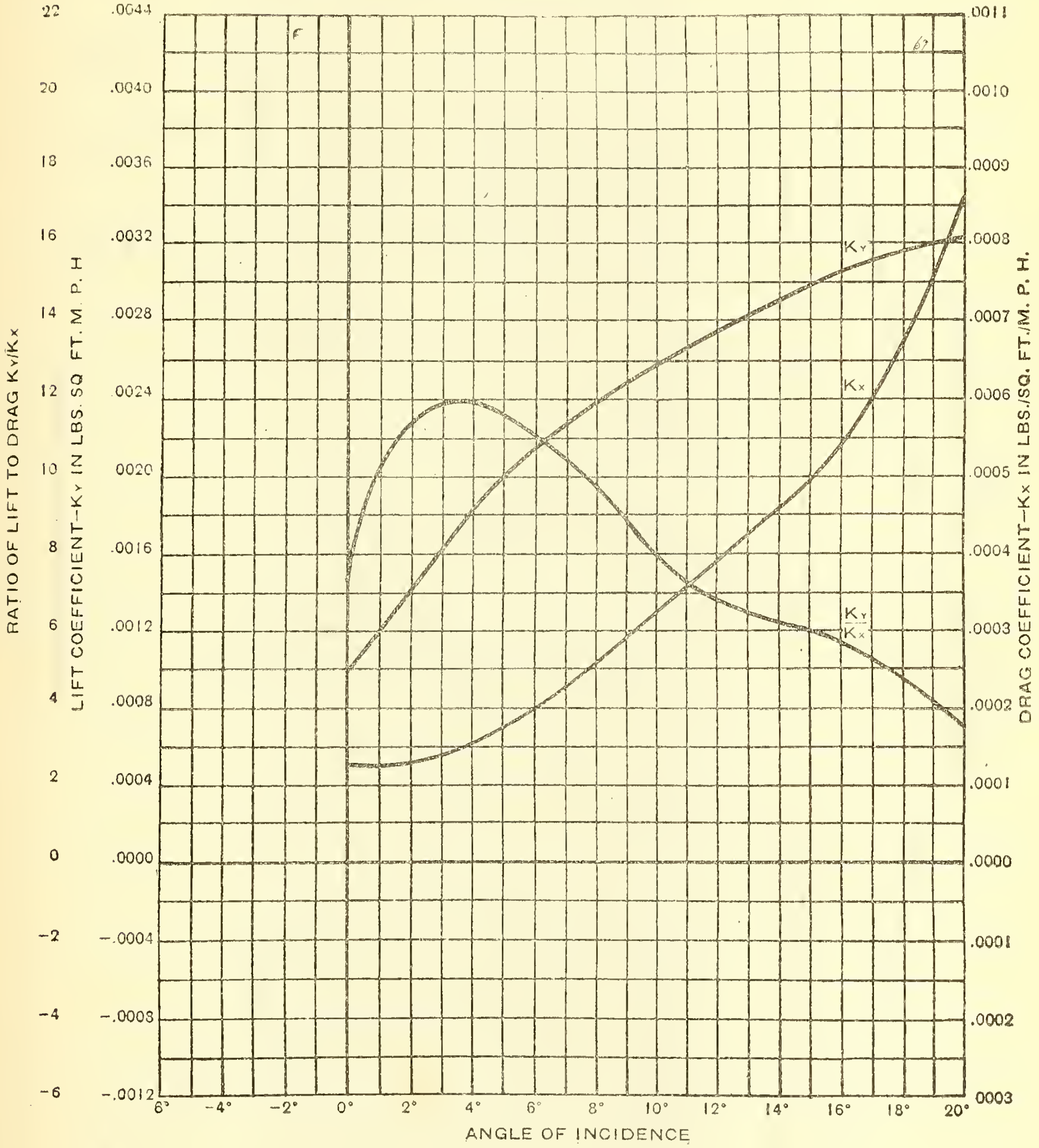


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0527	.087	.1005	.106	.102	.093	.0746	.0532	.0273	0
Lower camber	0	.0213	.0313	.0373	.04	.0388	.0353	.028	.02	.01	0

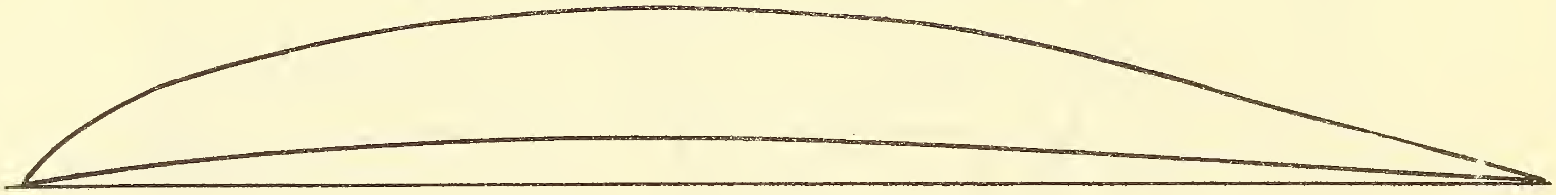
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 8.

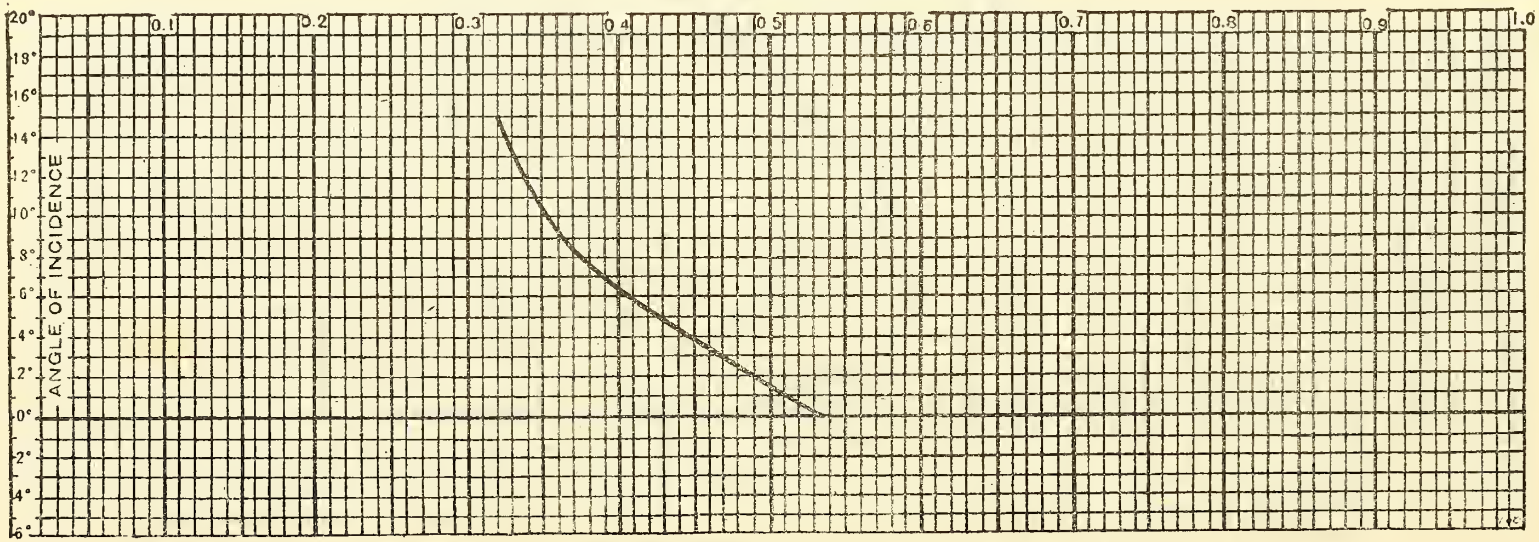
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 8A.



CURVE OF CENTER OF PRESSURE TRAVEL

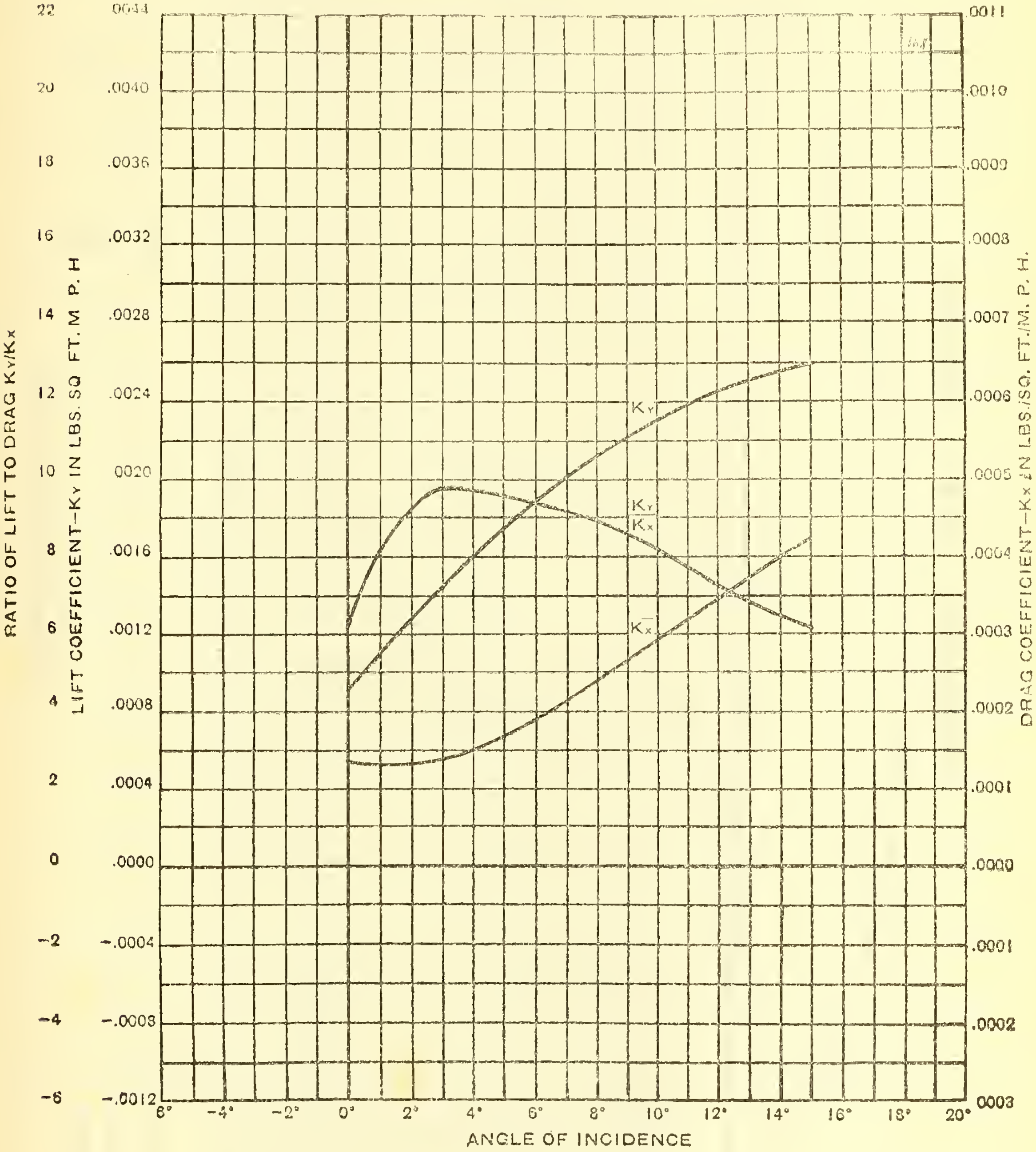


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.0966	.116	.103	.0585	0
Lower camber	0	.0233	.024	.0248	.0134	0

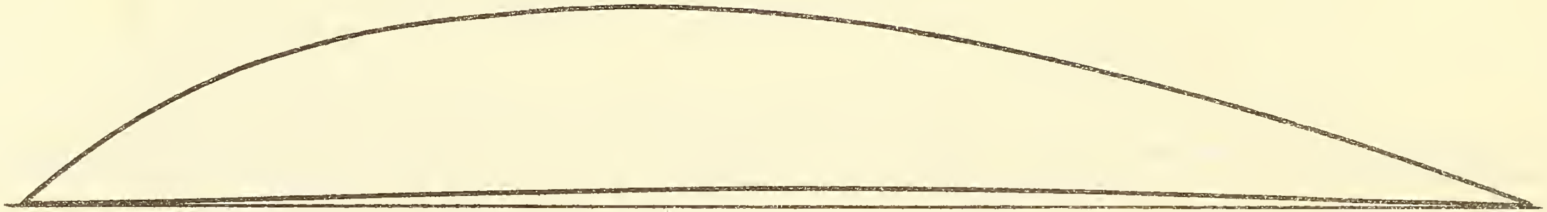
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 8A.

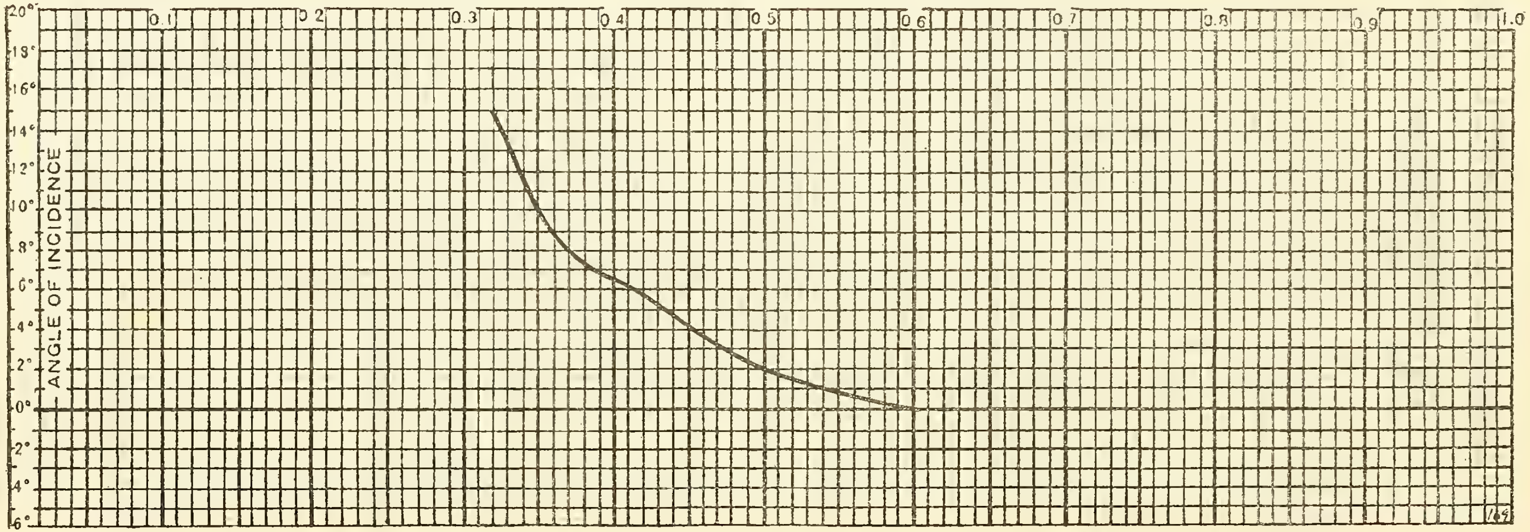
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 8B.



CURVE OF CENTER OF PRESSURE TRAVEL

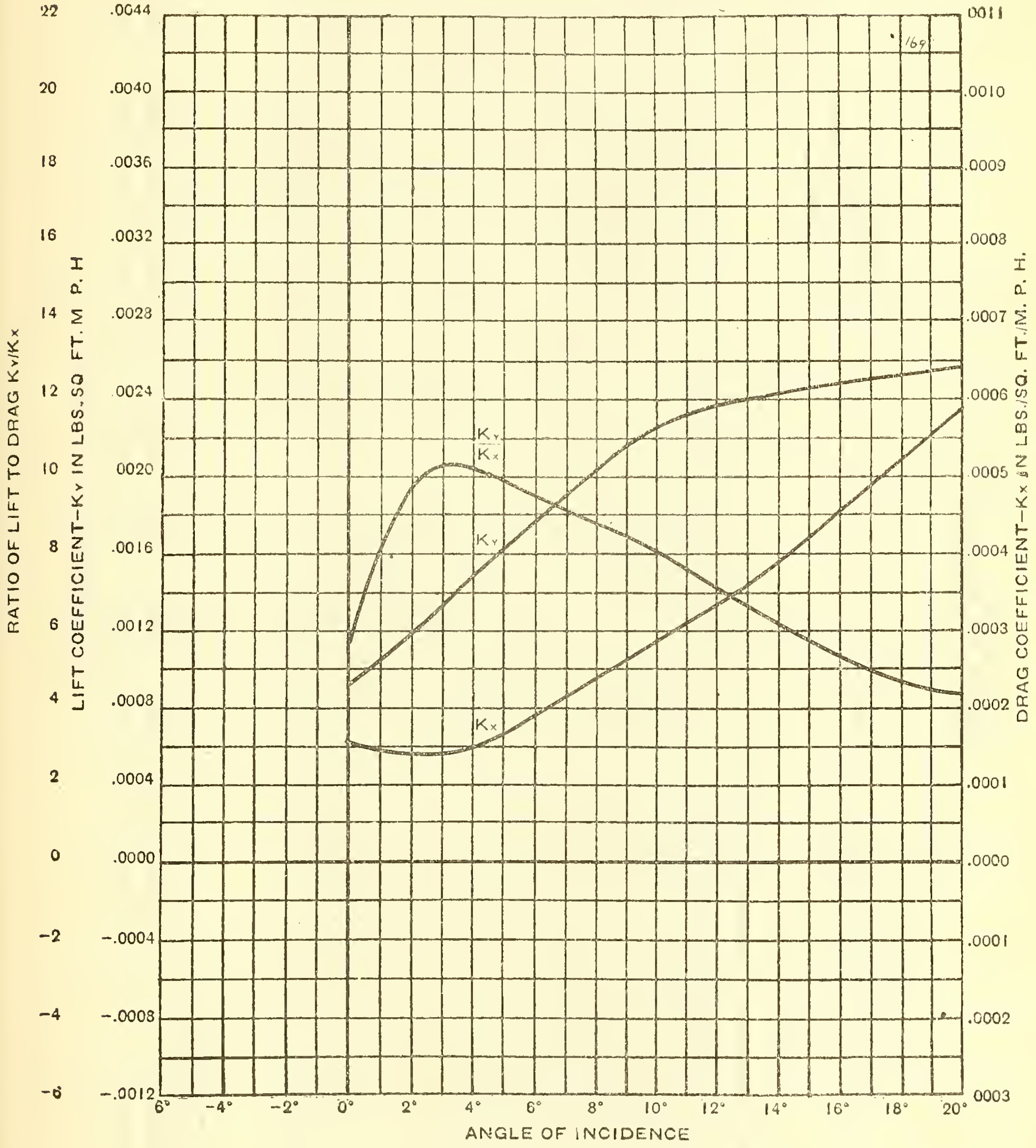


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.1065	.13	.112	.065	0
Lower camber	0	.00665	.01	.00935	.00665	0

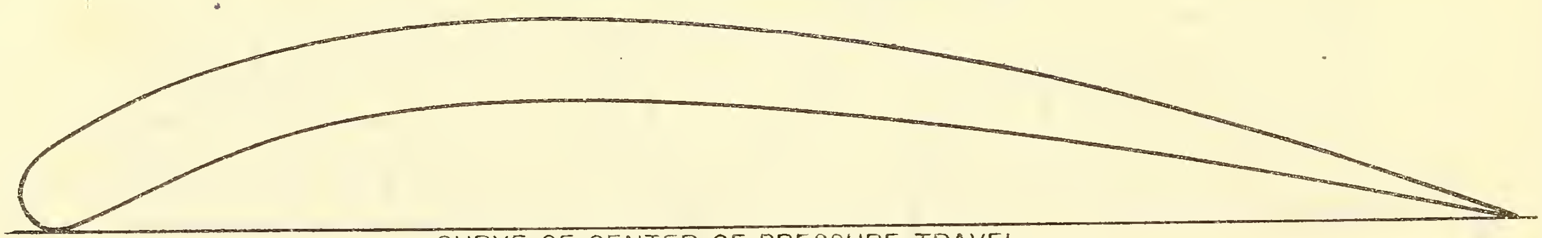
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 8B.

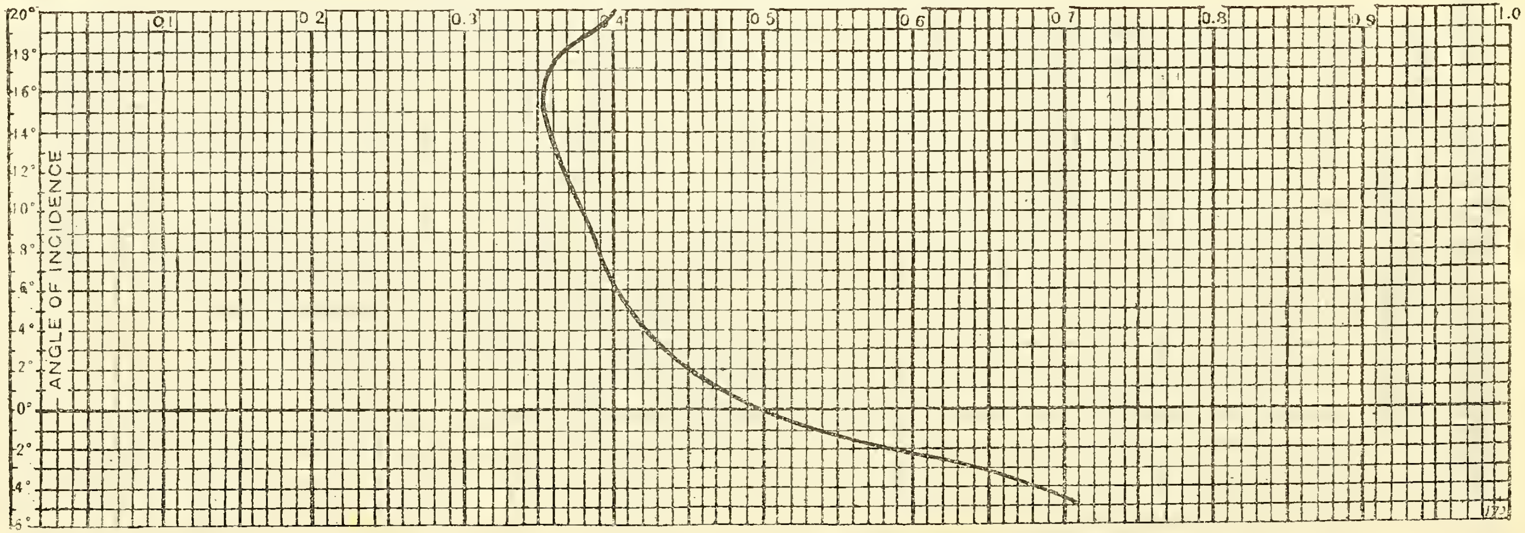
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 9.



CURVE OF CENTER OF PRESSURE TRAVEL

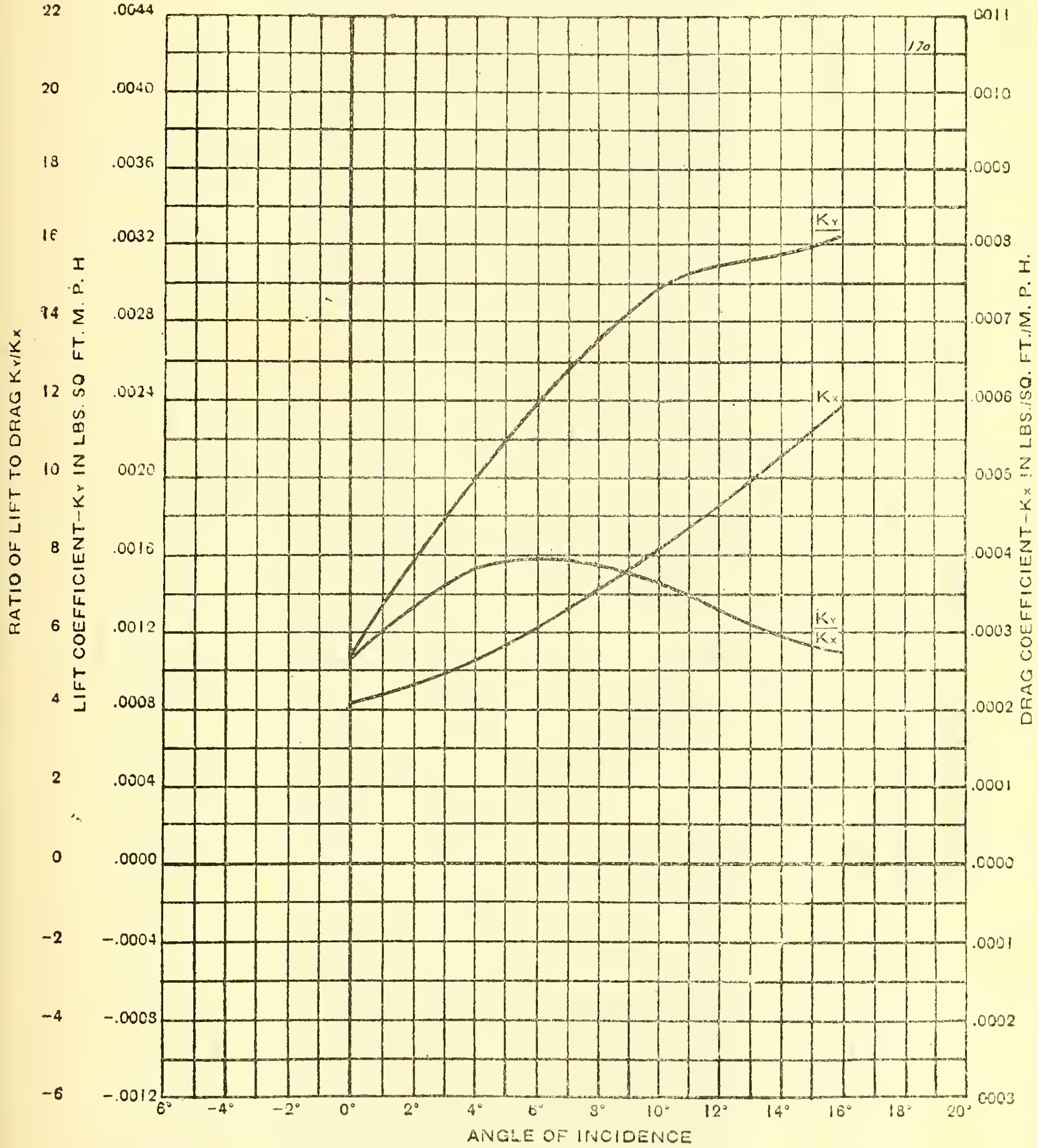


Distance from leading edge	0	.02	.10	.20	.30	.3663	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0220	.0560	.0972	.1260	.1370	.1388	.1355	.1272	.1132	.0938	.0666	.0360	0
Lower camber	.0220	0	.0375	.0705	.0820	.0845	.0835	.0770	.0666	.0537	.0399	.0215	0

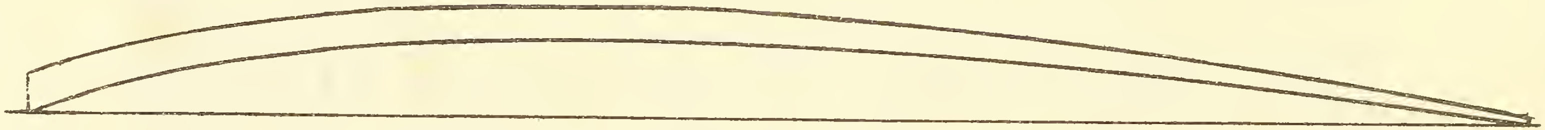
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 9.

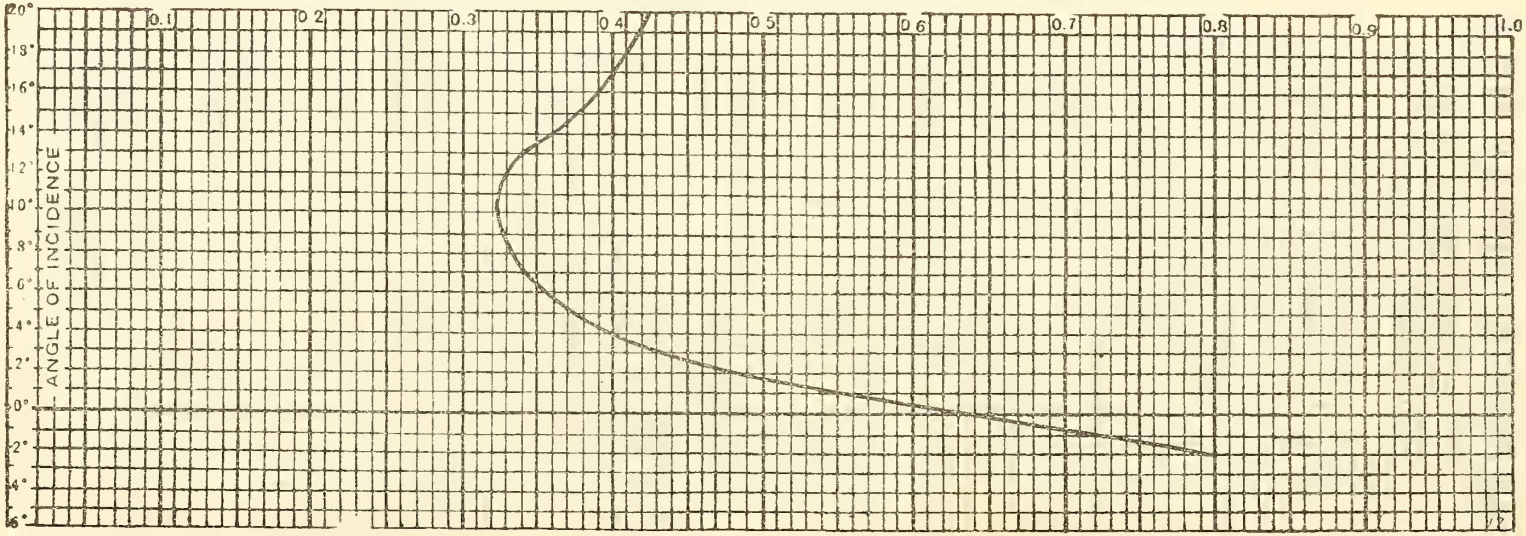
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 10 (WRIGHT).



CURVE OF CENTER OF PRESSURE TRAVEL

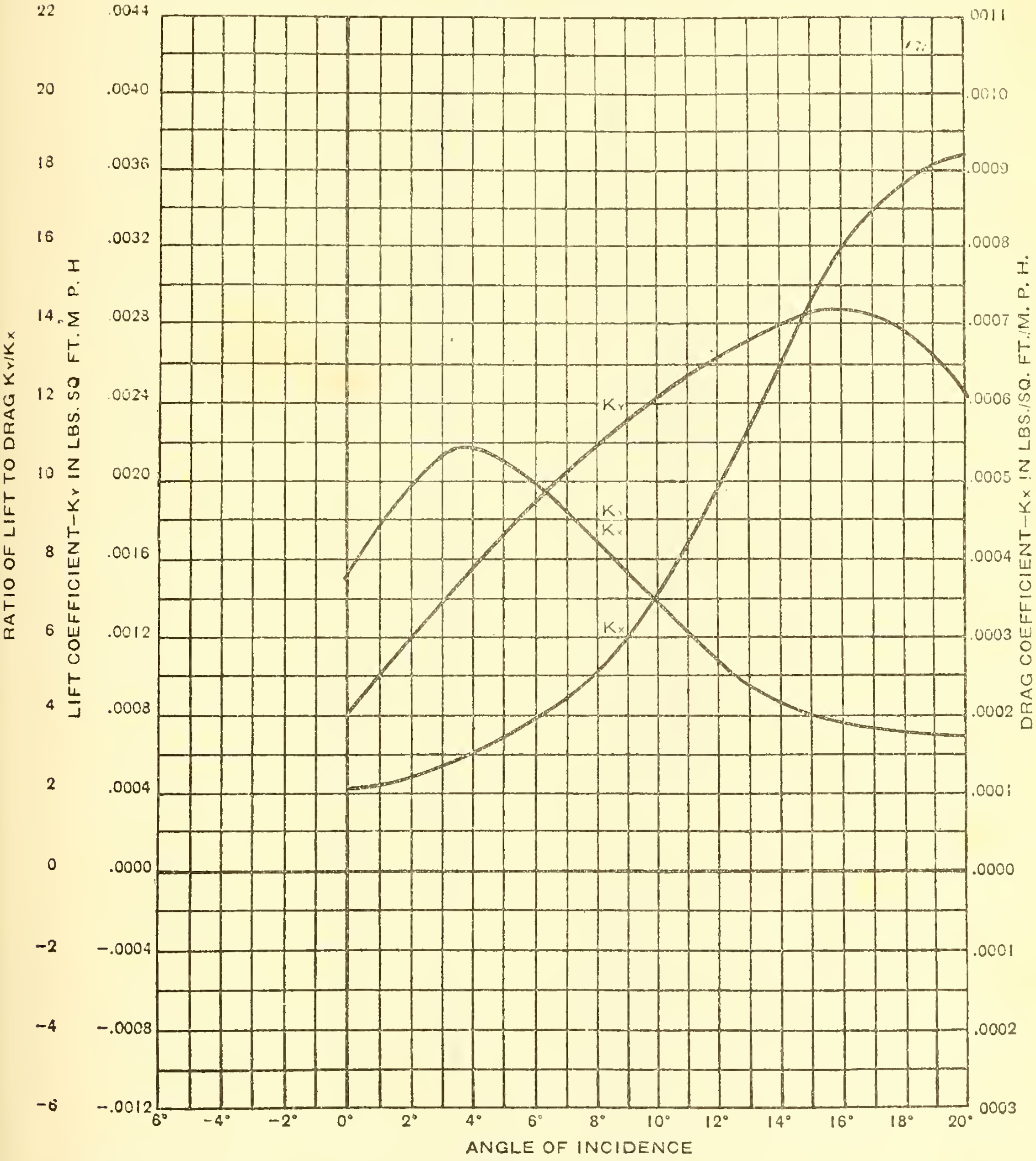


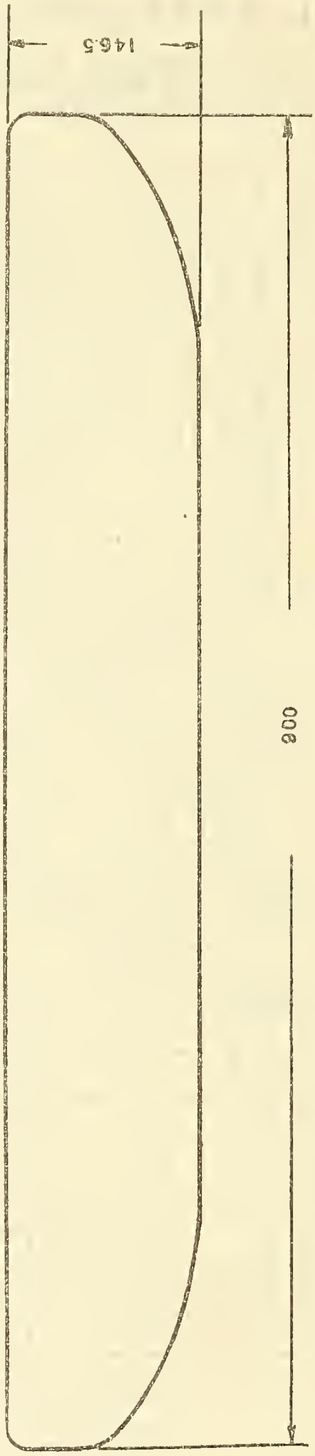
Distance from leading edge	0	.11	.22	.33	.44	.55	.66	.77	.88	1.00
Upper camber	.0273	.0565	.0675	.0718	.0718	.0661	.0573	.043	.026	.0068
Lower camber	0	.0335	.0457	.0505	.0532	.0491	.0416	.03	.0164	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 10 (WRIGHT).

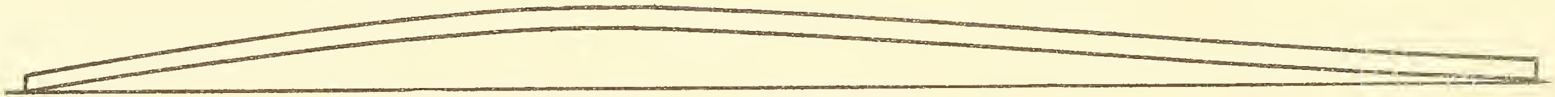
SIZE OF MODEL, 900 BY 146.5 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



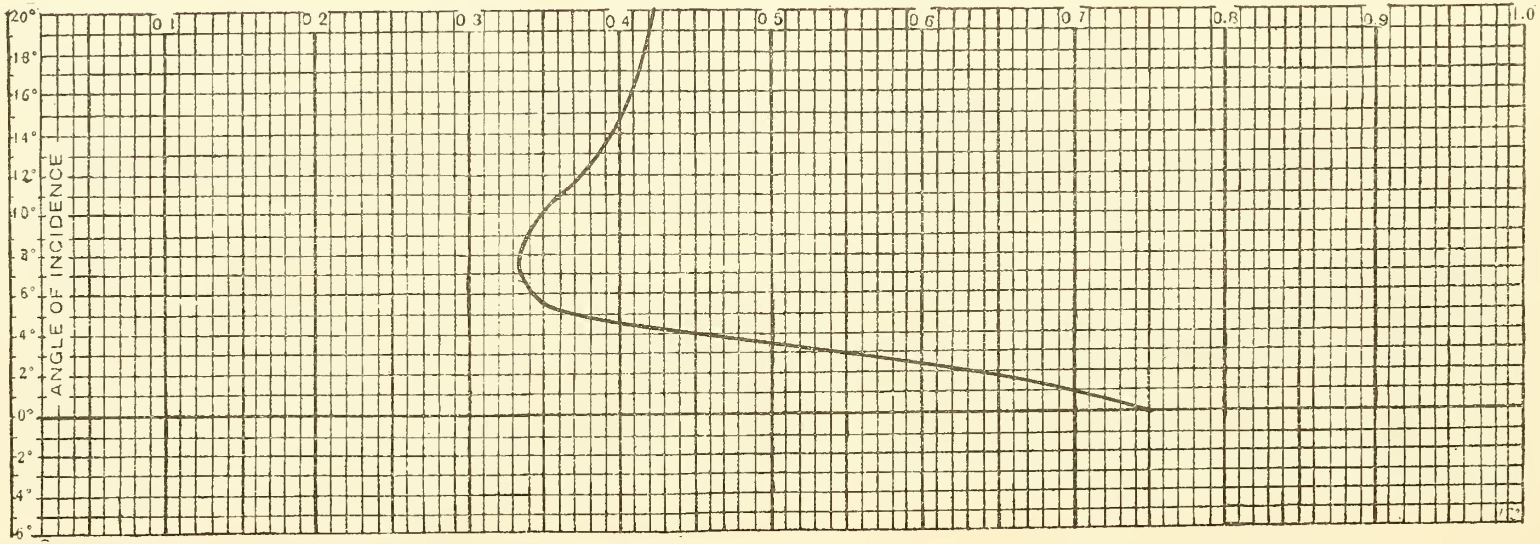


EIFFEL No. 10 (WRIGHT).

AEROFOIL, EIFFEL No. 11 (VOISIN).



CURVE OF CENTER OF PRESSURE TRAVEL

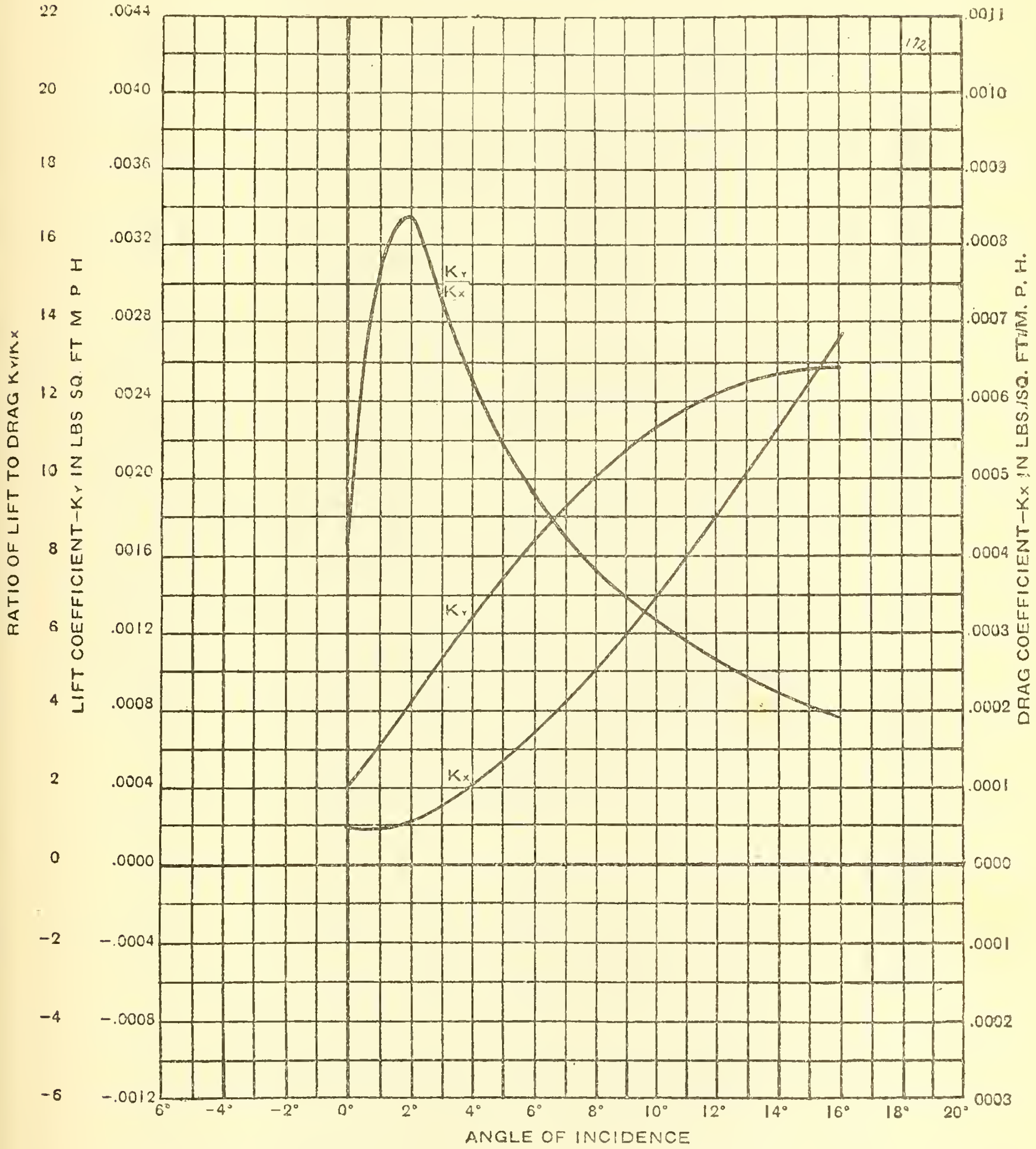


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.013	.028	.043	.052	.054	.049	.042	.035	.028	.020	.013
Lower camber	0	.015	.029	.039	.041	.036	.029	.022	.014	.007	0

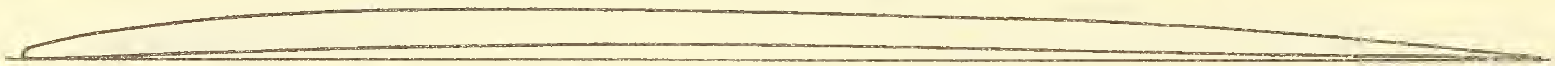
All dimensions given as decimal parts of chord.

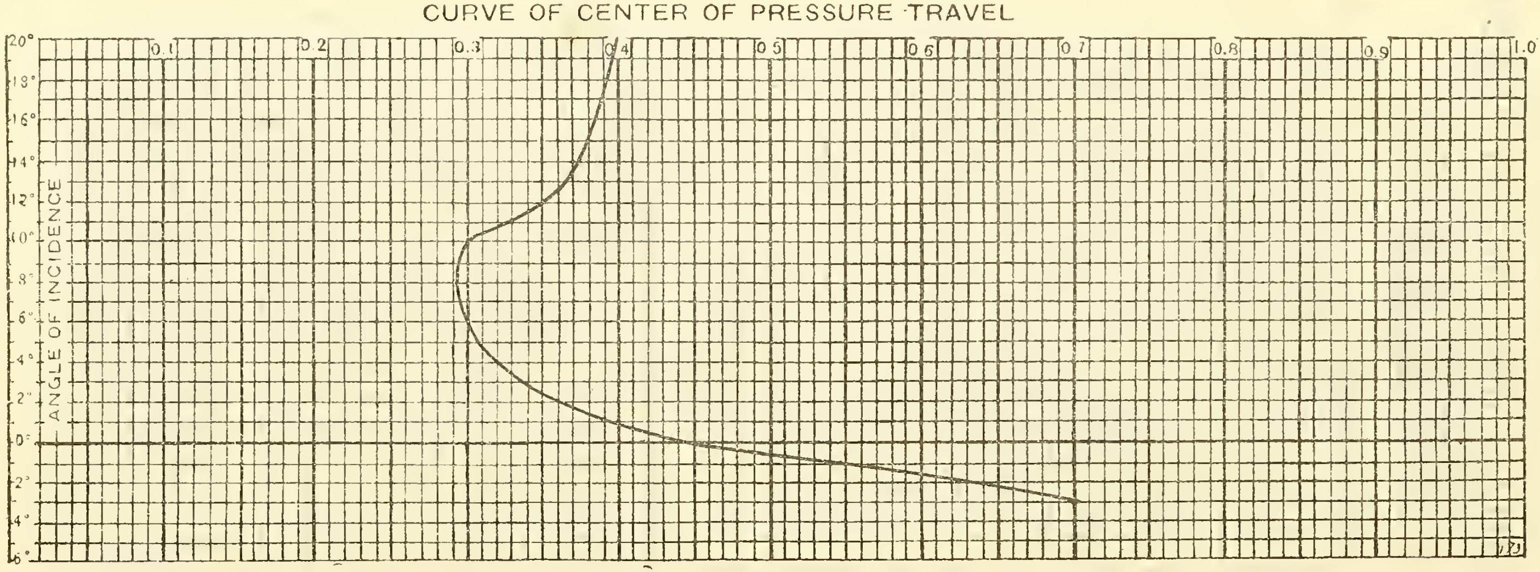
AEROFOIL, EIFFEL No. 11 (VOISIN).

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 12 (MAURICE FARMAN).



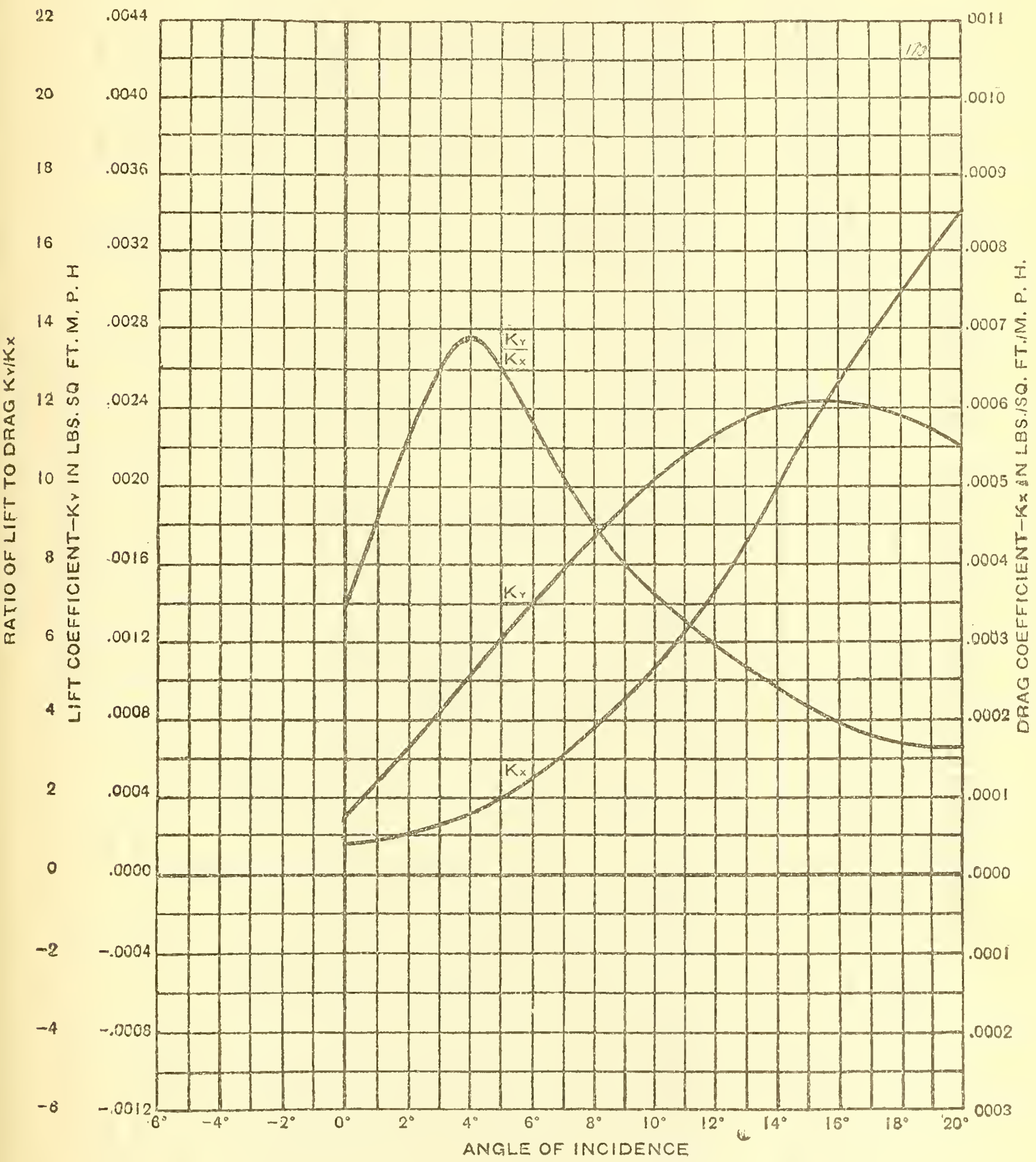

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0226	.0286	.0326	.0306	.0283	.0273	.0253	.0206	.0107	0
Lower camber	0	.0053	.0073	.01	.0086	.008	.006	.00467	.00333	.00133	0

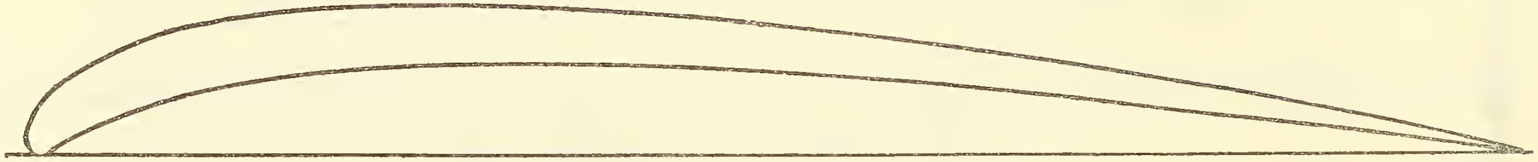
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 12 (MAURICE FARMAN).

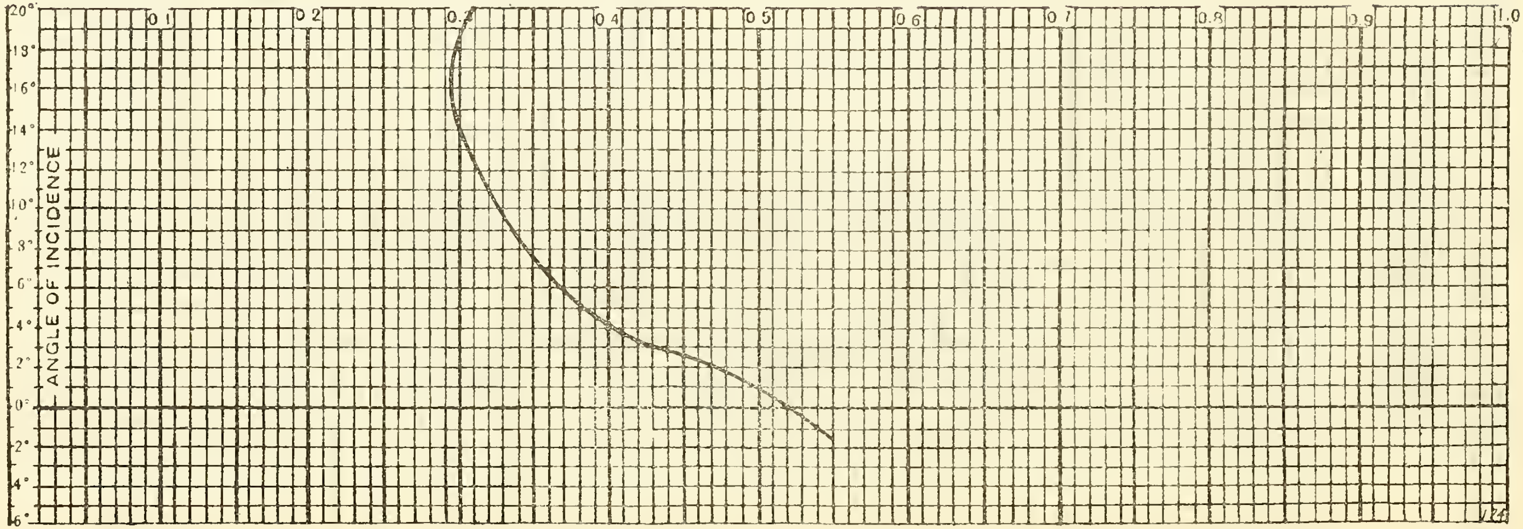
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 13 (BLERIOT No. 11).



CURVE OF CENTER OF PRESSURE TRAVEL

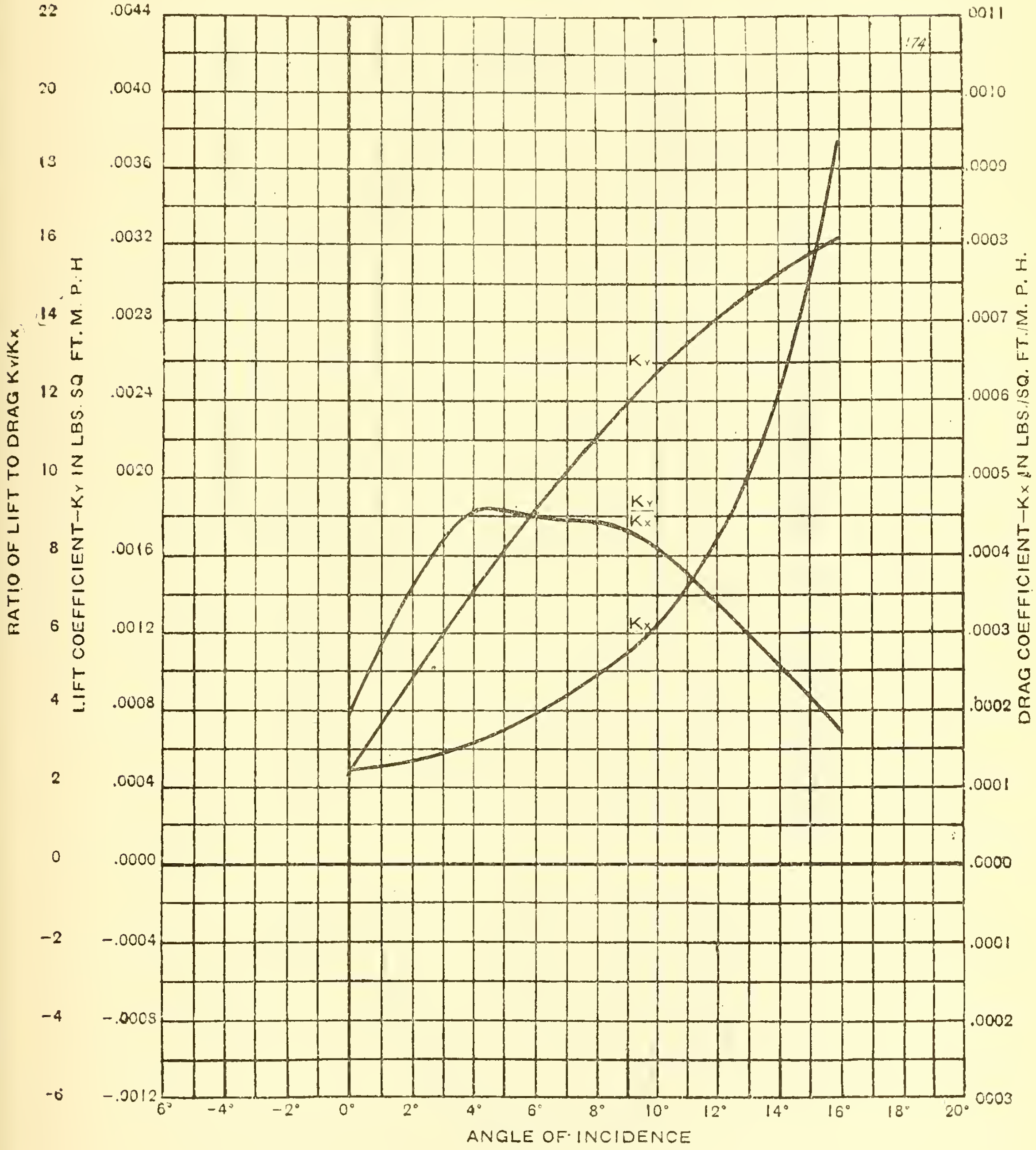


Distance from leading edge	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.012	.033	.0835	.0965	.0975	.0920	.0855	.0740	.0592	.0431	.0241	0
Lower camber	.012	0	.0400	.0540	.0600	.0600	.0557	.0460	.0349	.0235	.0120	0

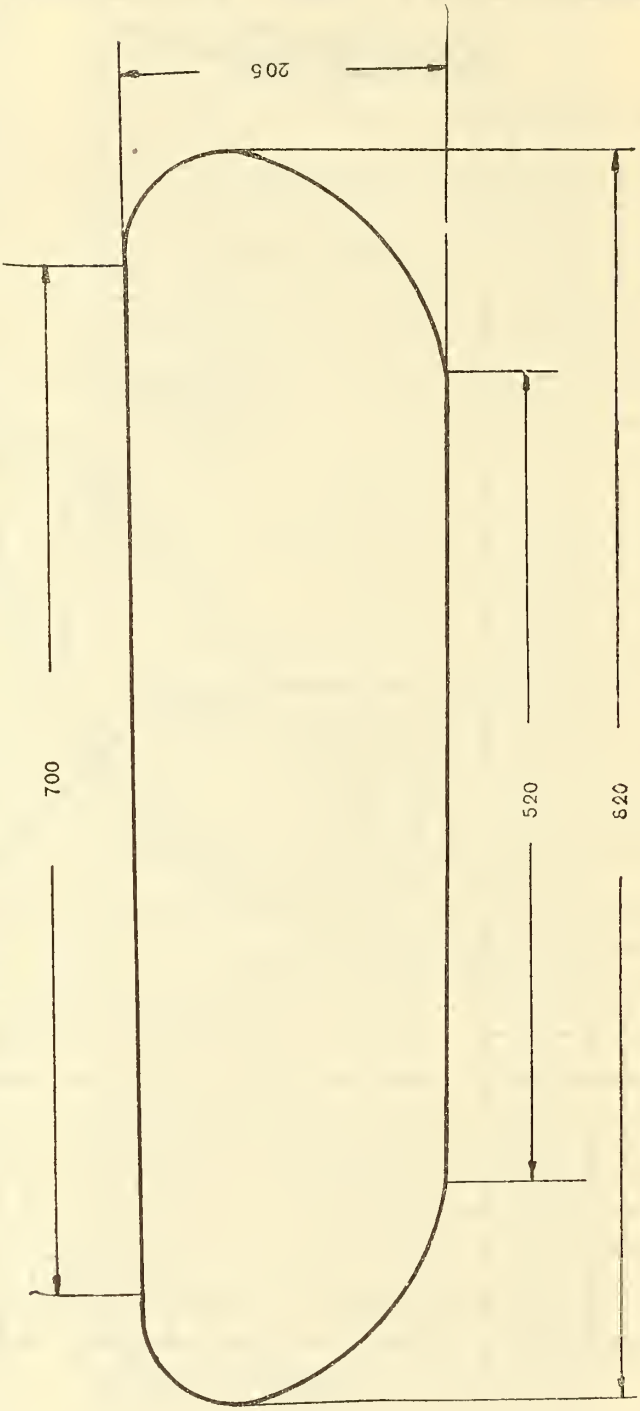
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 13 (BLERIOT No. 11).

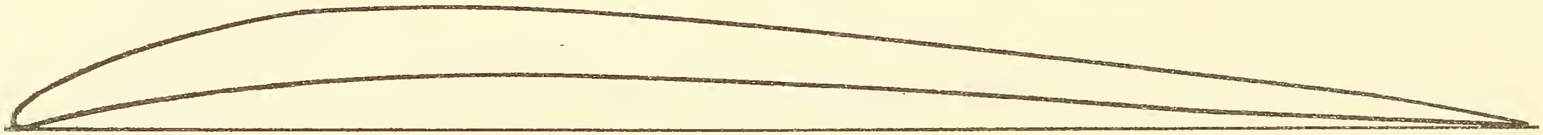
SIZE OF MODEL, 820 BY 205 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



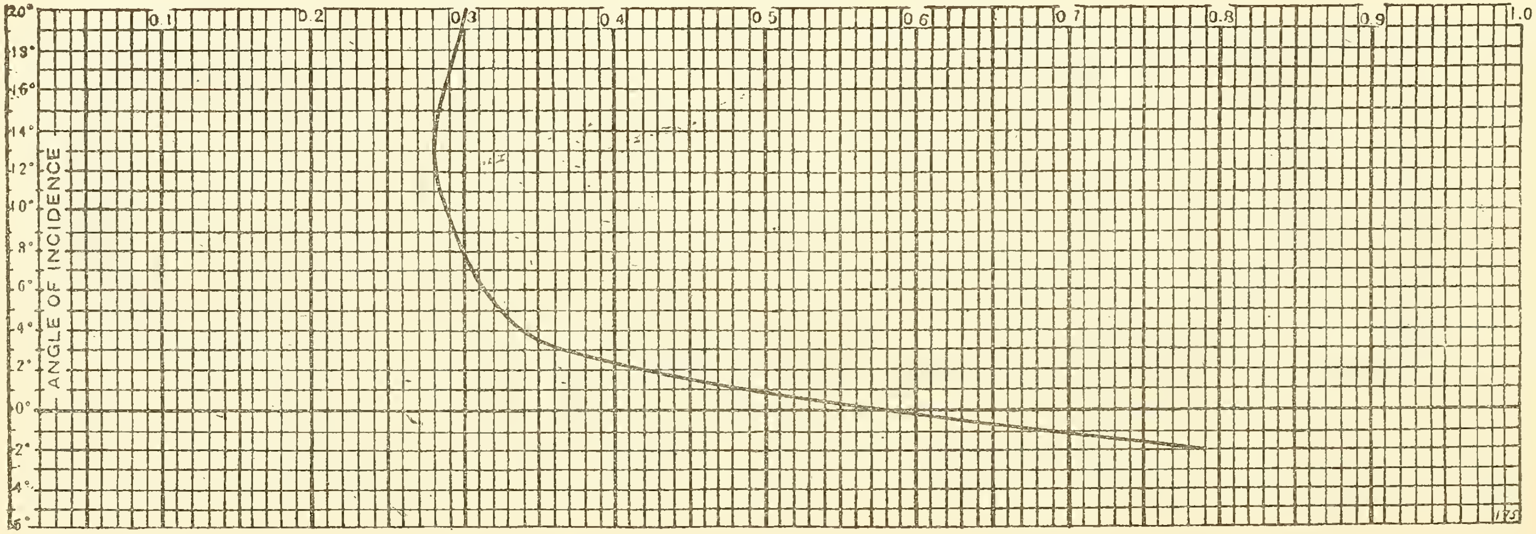
EIFFEL No. 13 (BLERIOT No. 11).



AEROFOIL, EIFFEL No. 13A (BLERIOT No. 11A).



CURVE OF CENTER OF PRESSURE TRAVEL

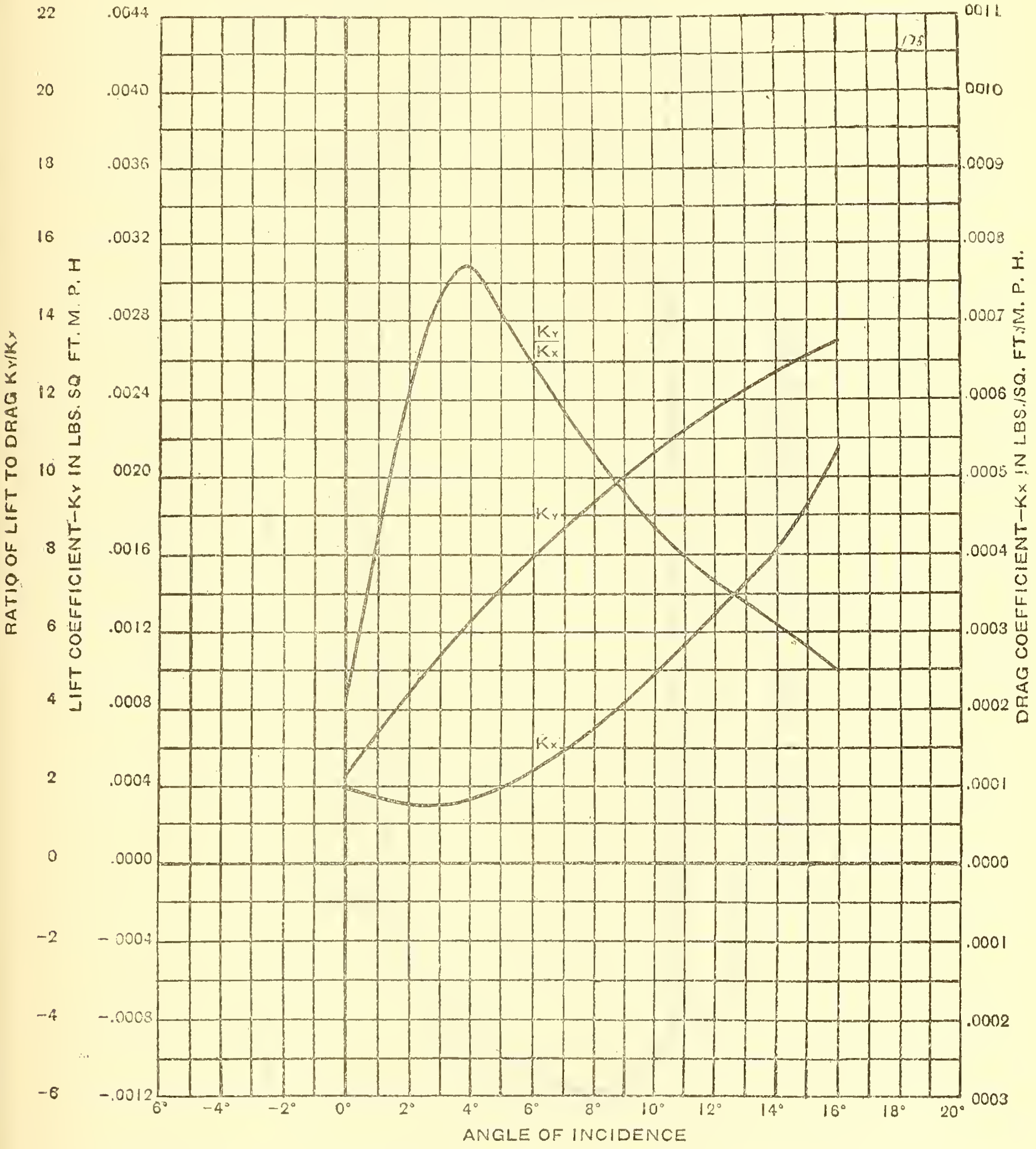


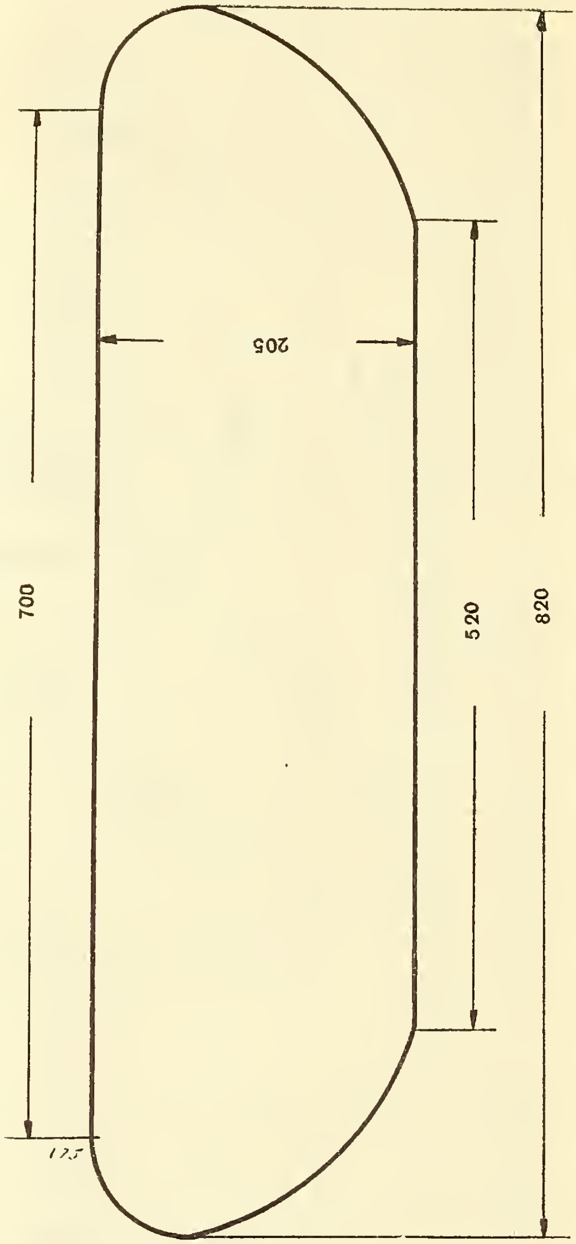
Distance from leading edge	0	.15	.30	.45	.60	.75	.90	1.00
Upper camber	0	.07	.0805	.0689	.056	.039	.022	0
Lower camber	0	.0293	.0366	.0298	.0226	.0142	.00585	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 13A (BLERIOT 11A).

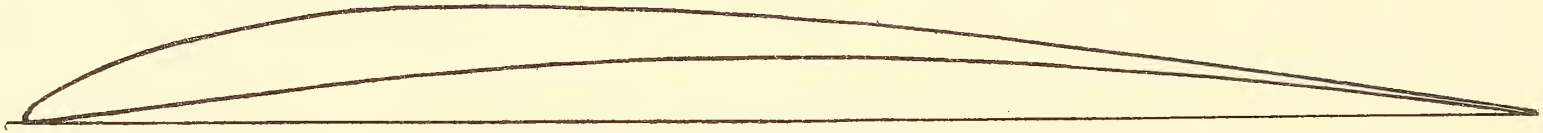
SIZE OF MODEL, 820 BY 205 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



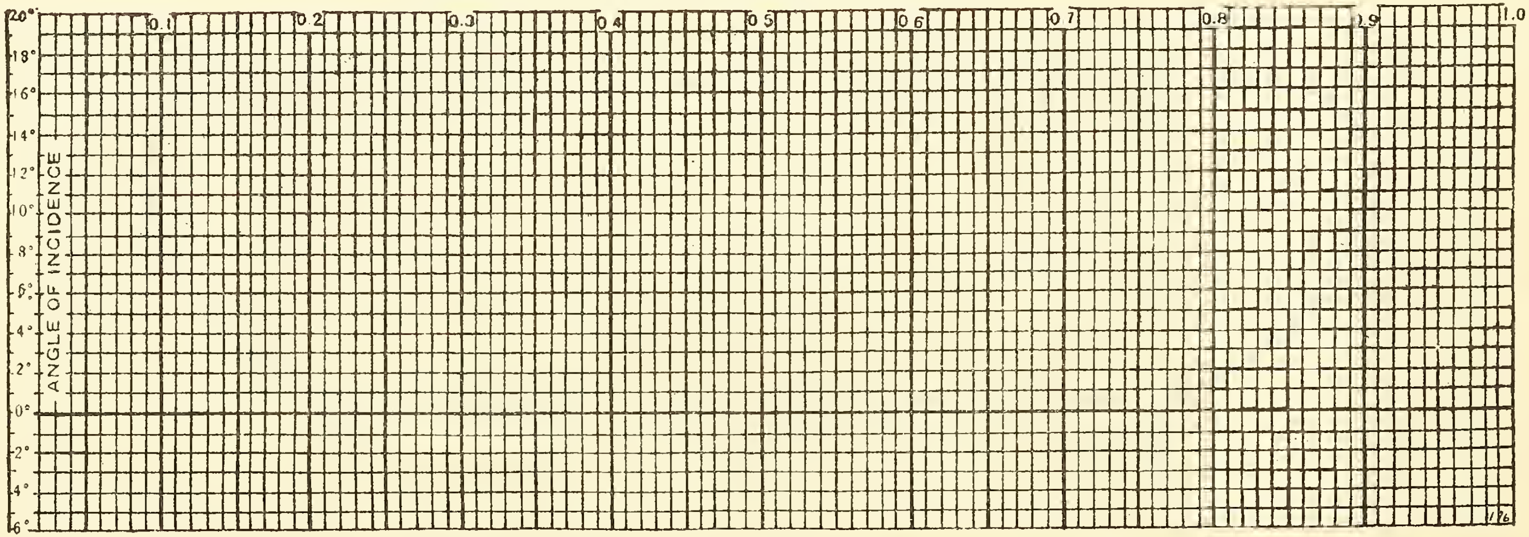


EIFFEL No. 13A (BLERIOT No. 11A).

AEROFOIL, EIFFEL No. 14.



CURVE OF CENTER OF PRESSURE TRAVEL

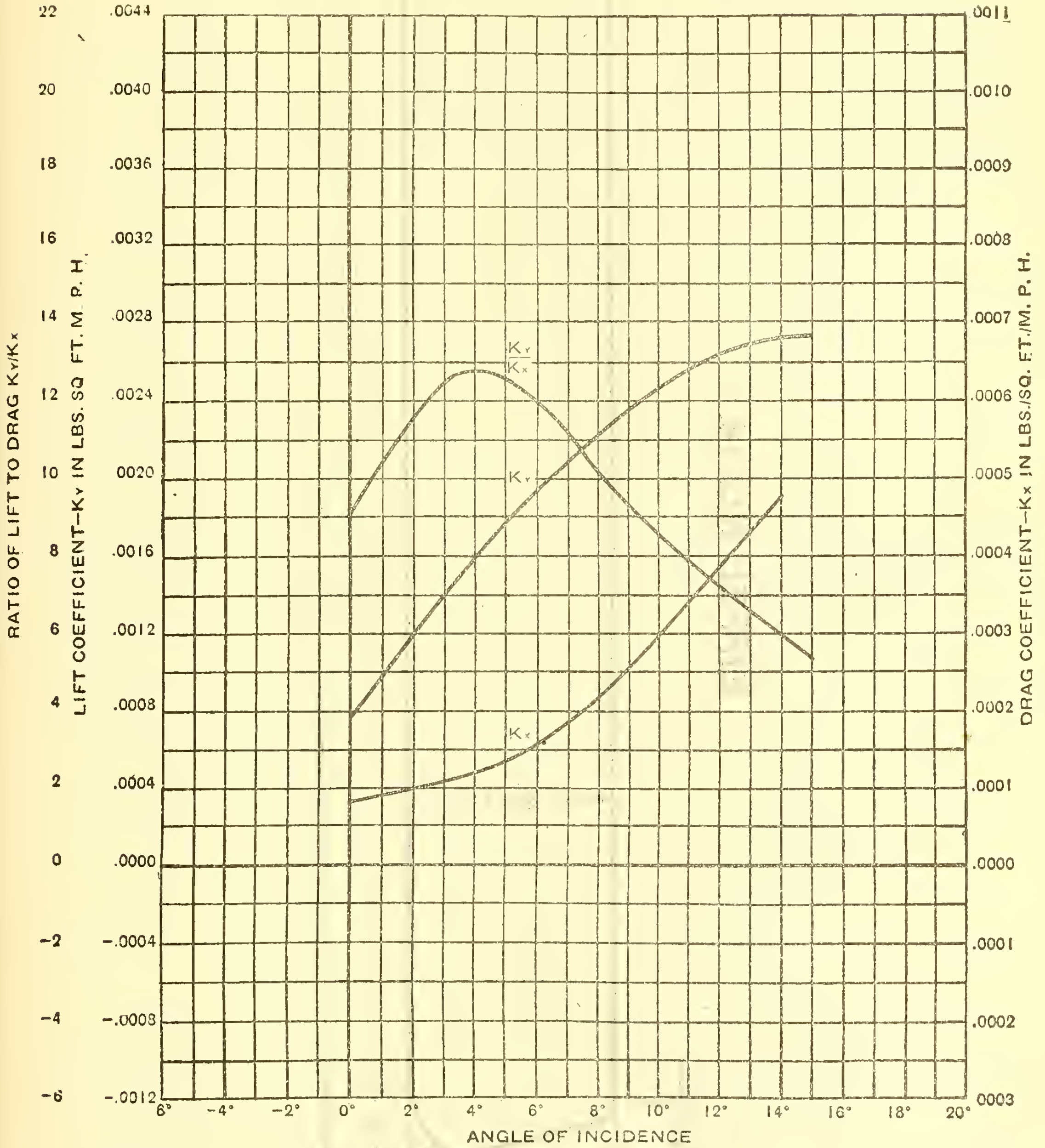


Distance from leading edge	0	.113	.218	.315	.413	.51	.609	.705	.802	.90	1.00
Upper camber		.0587	.0743	.0782	.0745	.0685	.0593	.0495	.0352	.0195	0
Lower camber	0	.0163	.0294	.039	.0424	.0424	.0385	.034	.0241	.0131	0

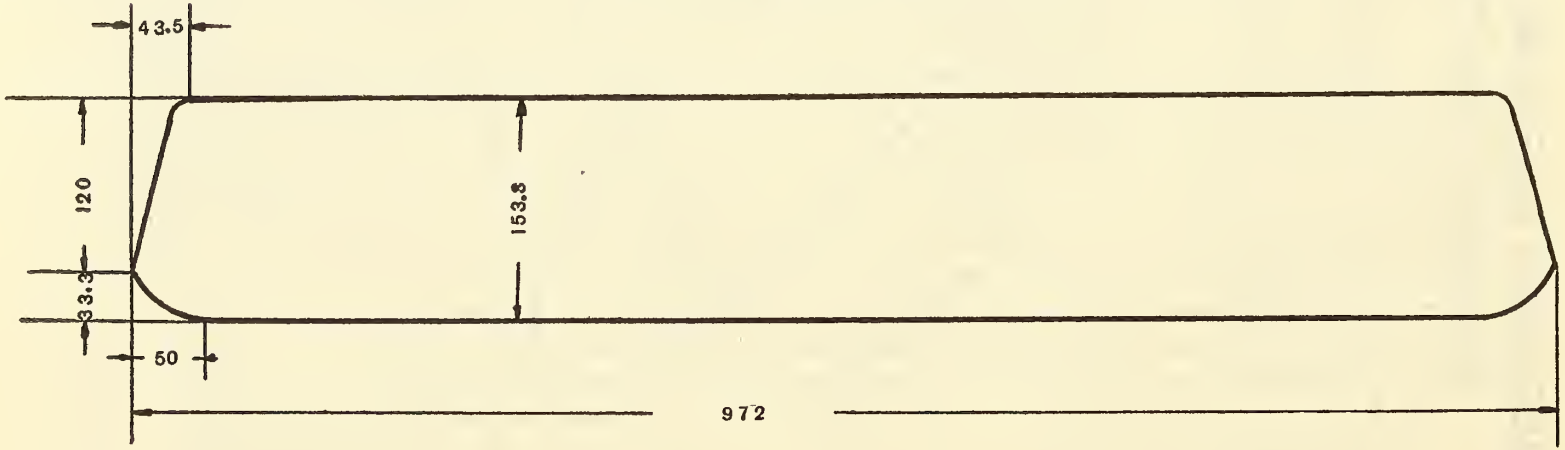
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 14.

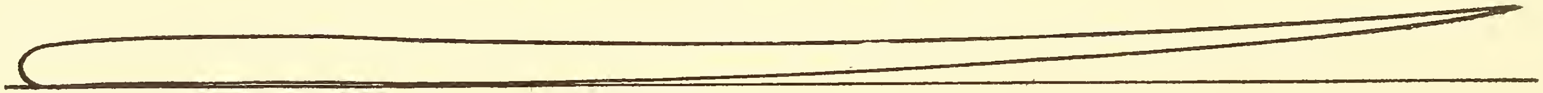
SIZE OF MODEL, 972 BY 153.3 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



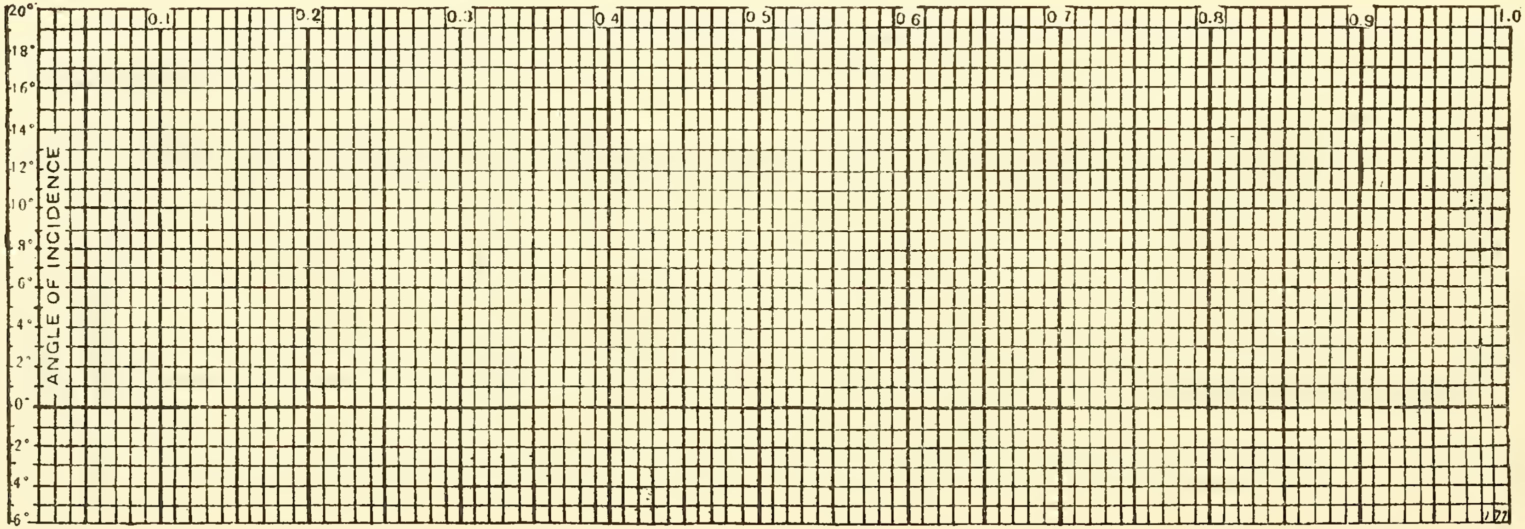
EIFFEL No. 14.



AEROFOIL, EIFFEL No. 15.



CURVE OF CENTER OF PRESSURE TRAVEL

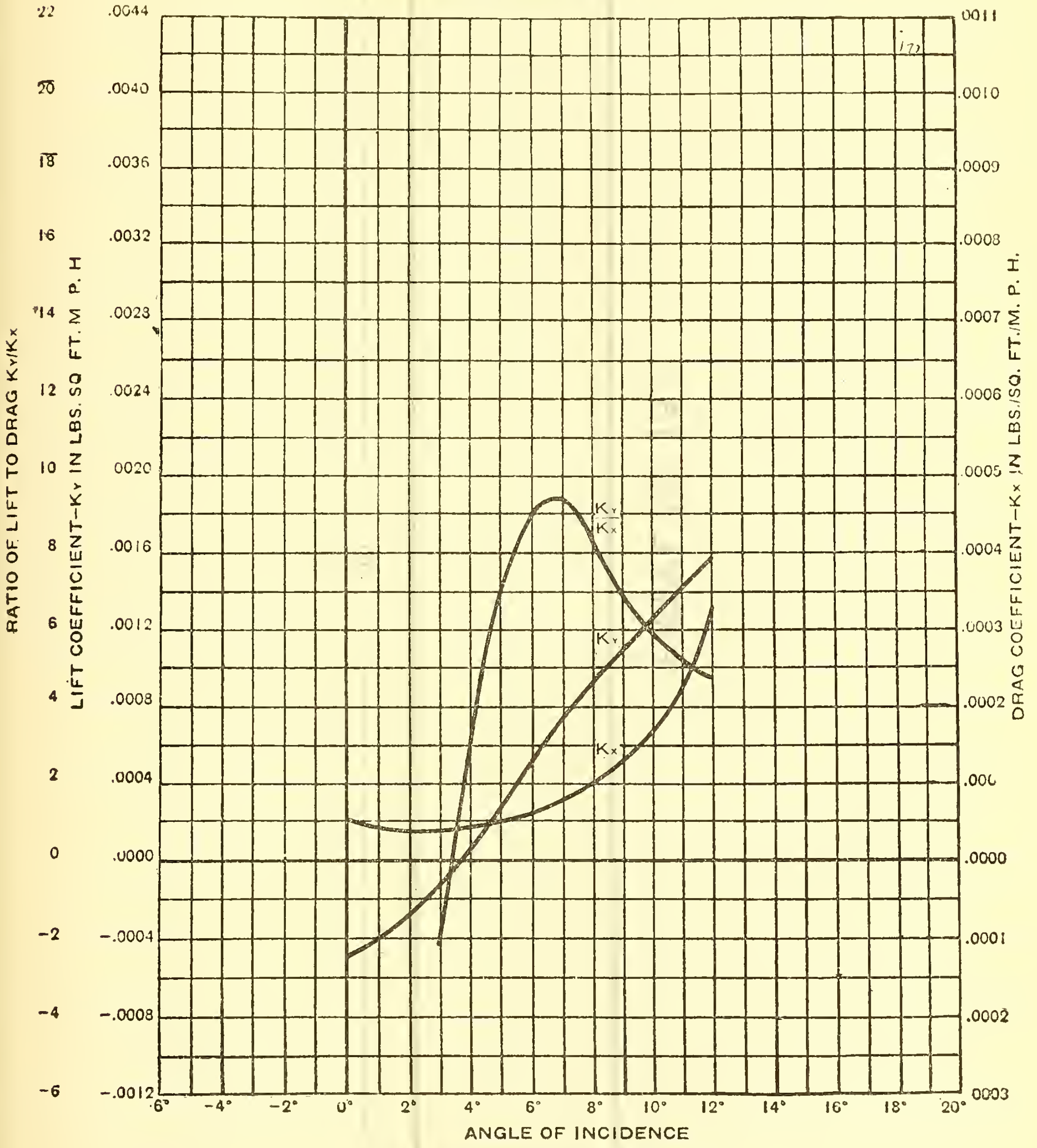


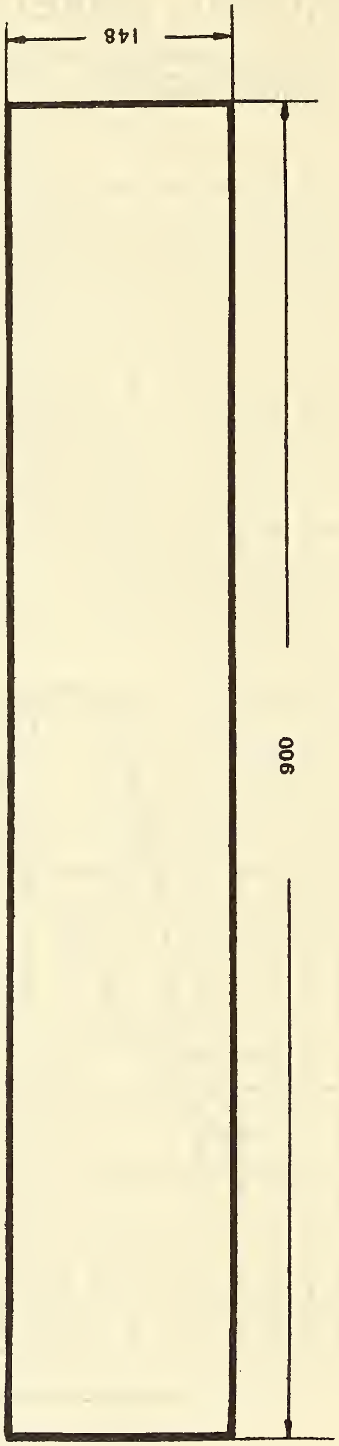
Distance from leading edge	0	.034	.202	.304	.405	.608	.801	1.00
Upper camber	.018	....	.0358	....	.029	.029	.0386	.0505
Lower camber	.018	0	.0034	0	.0022	.0115	.0277	.0505

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 15.

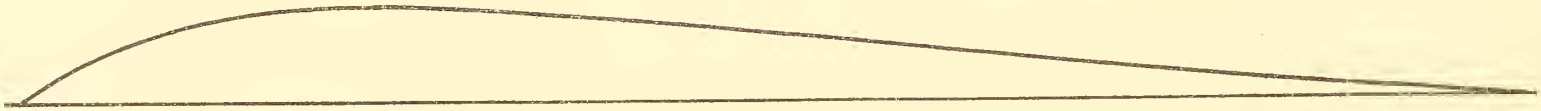
SIZE OF MODEL, 900 BY 148 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



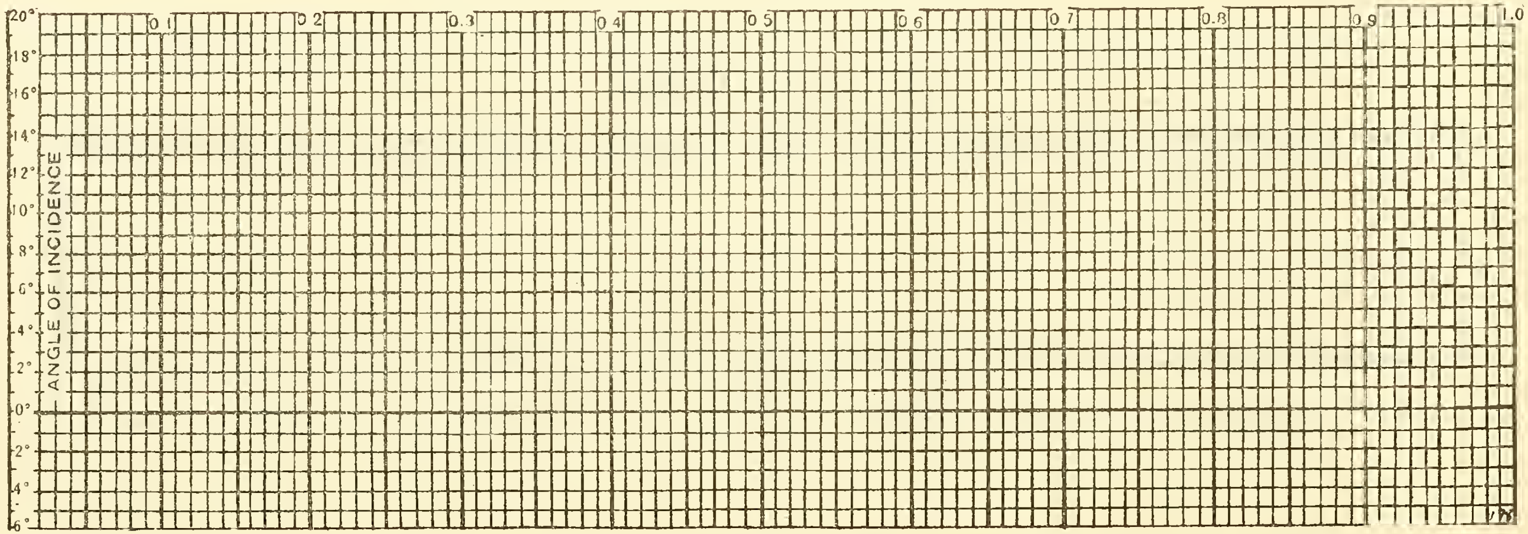


EIFFEL NO. 15.

AEROFOIL, EIFFEL No. 16.



CURVE OF CENTER OF PRESSURE TRAVEL

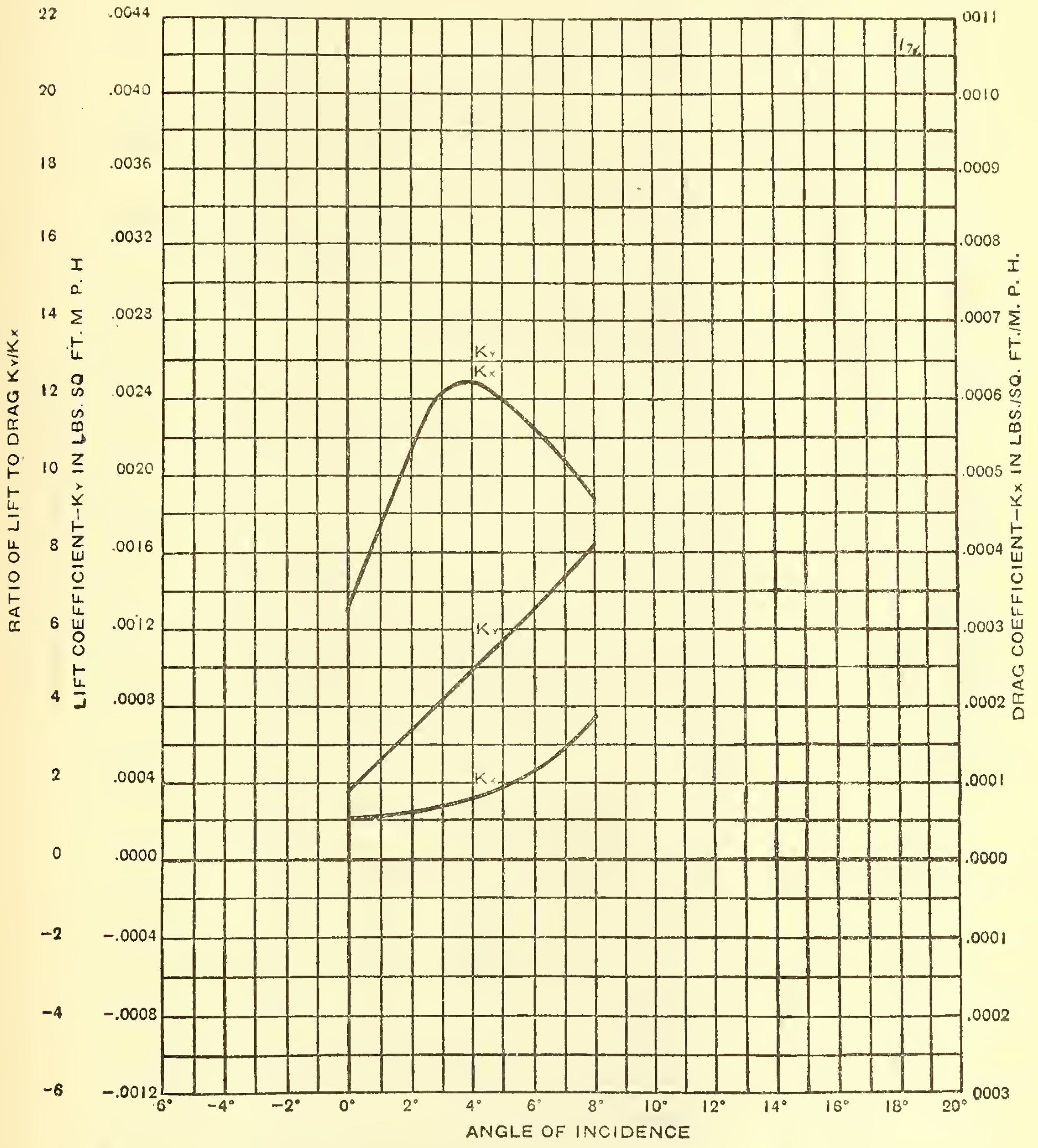


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.0665	.0533	.038	.02	0
Lower camber	0	0	0	0	0	0

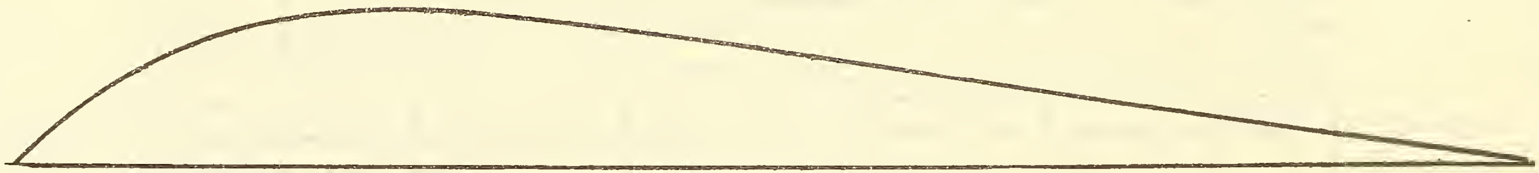
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 16.

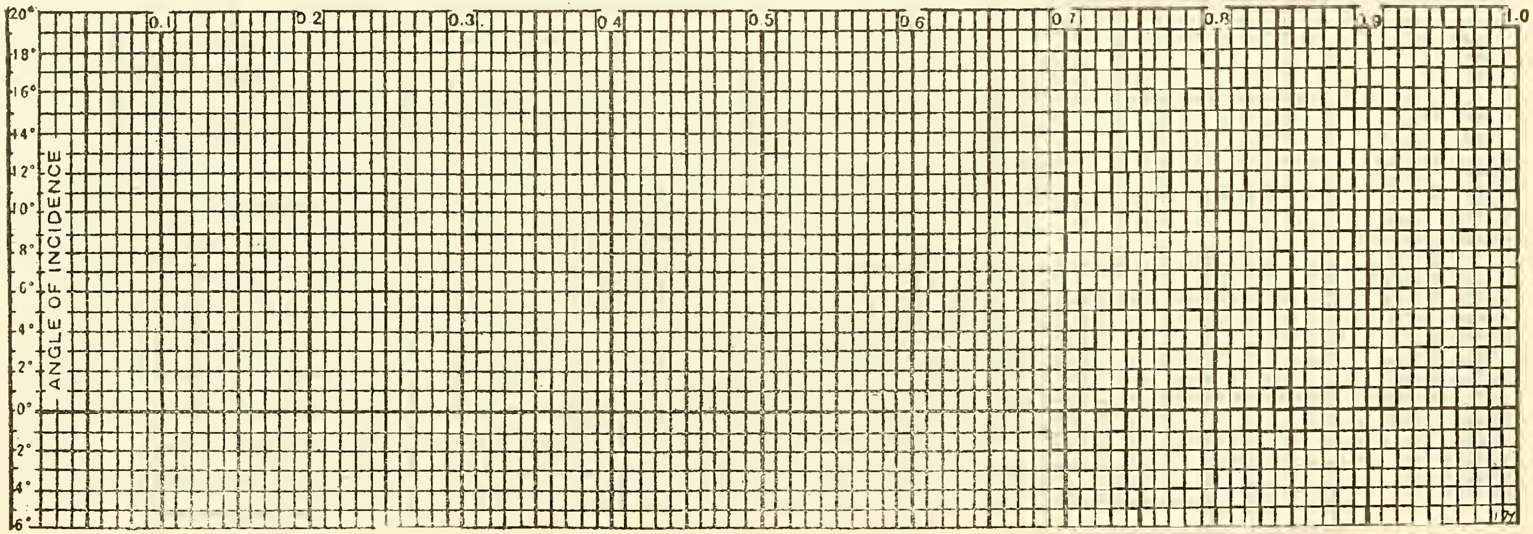
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 16A.



CURVE OF CENTER OF PRESSURE TRAVEL

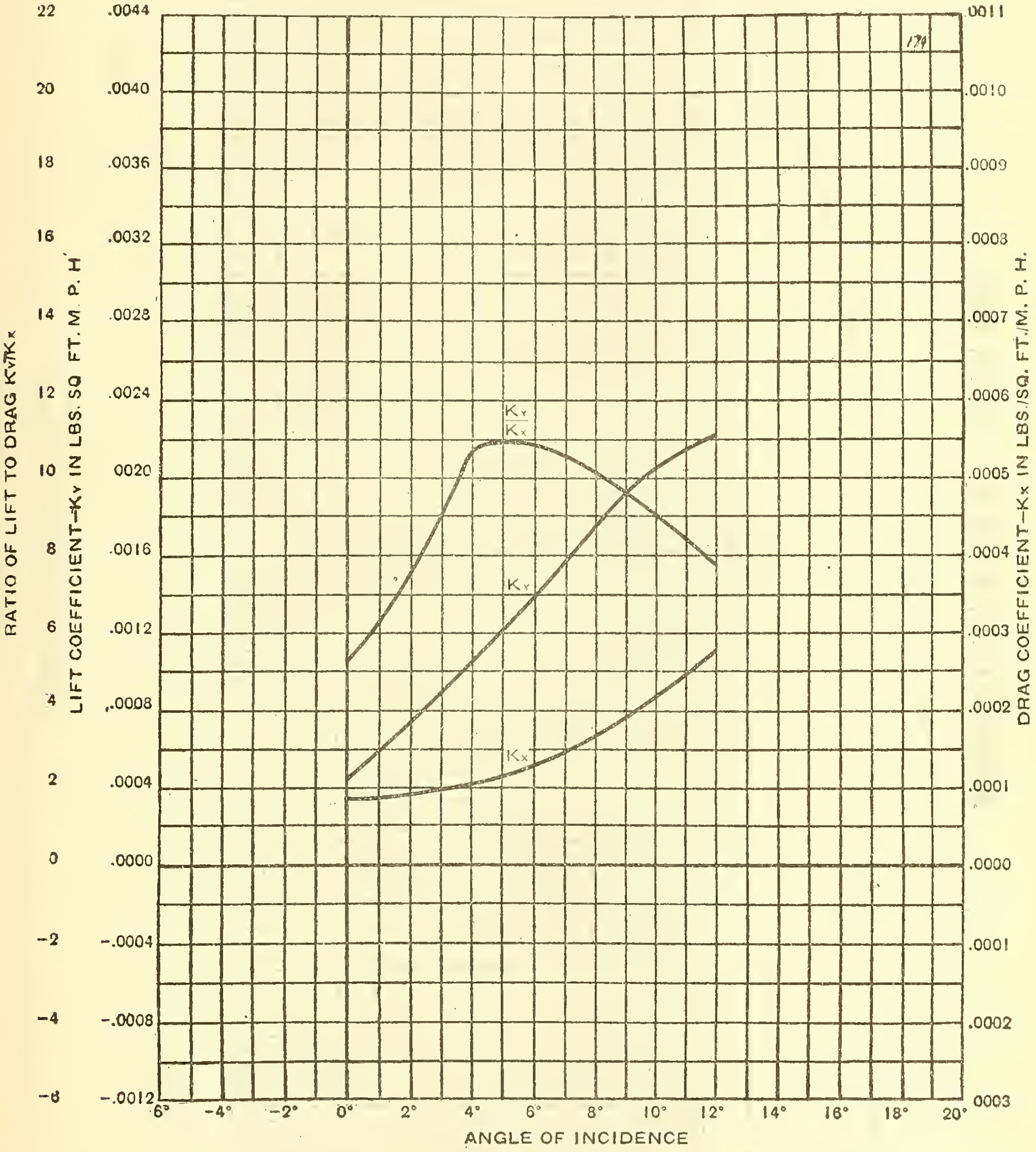


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.10	.087	.06	.0314	0
Lower camber	0	0	0	0	0	0

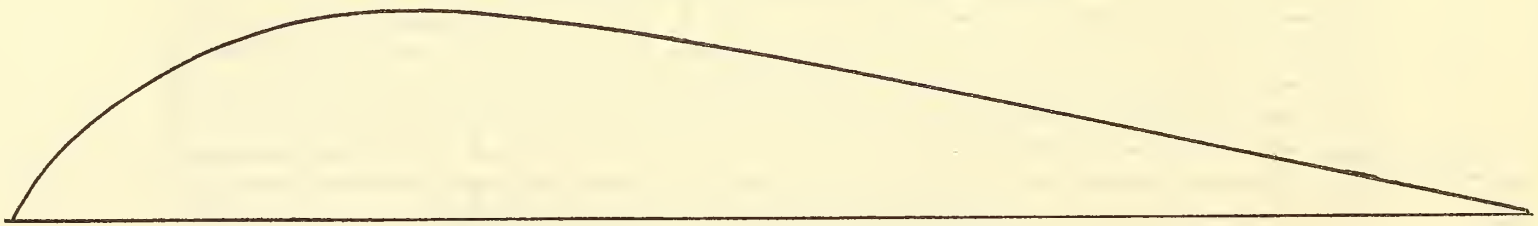
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 16A.

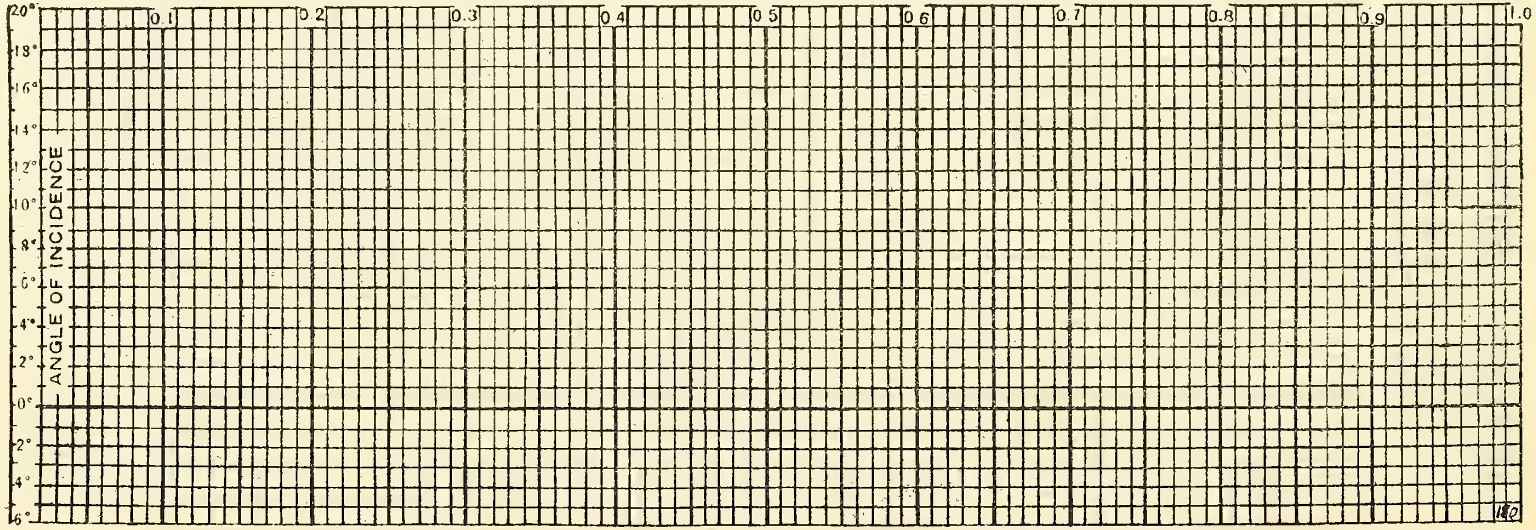
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 16B.



CURVE OF CENTER OF PRESSURE TRAVEL

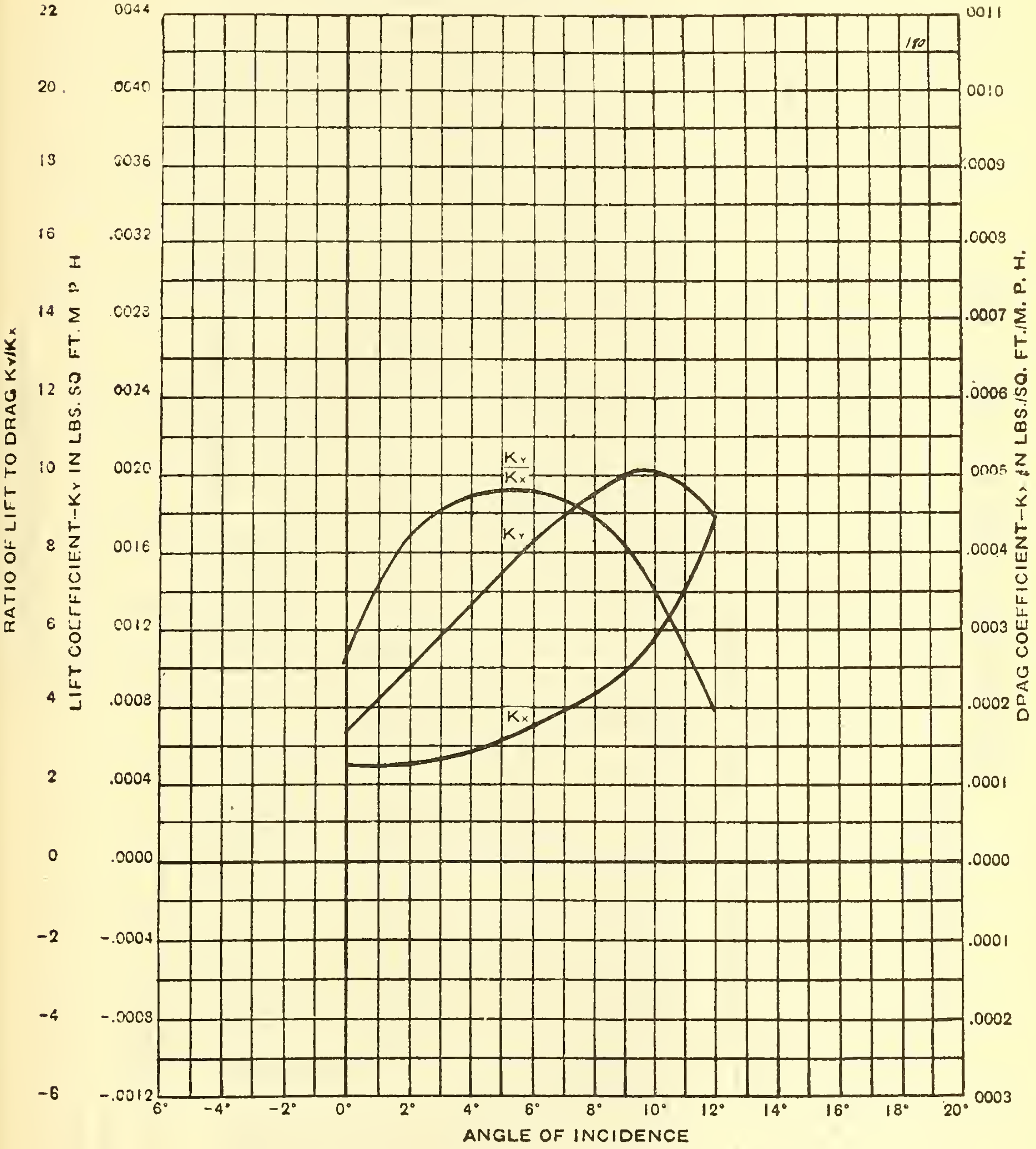


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.133	.120	.0846	.044	0
Lower camber	0	0	0	0	0	0

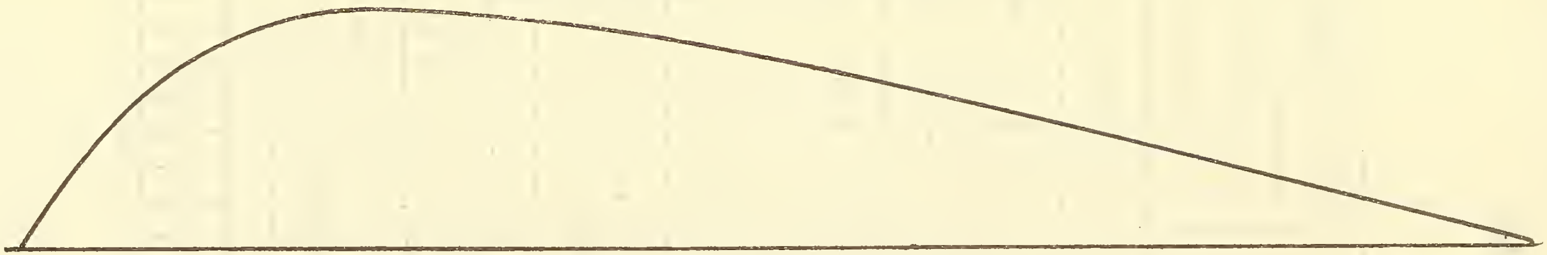
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 16B.

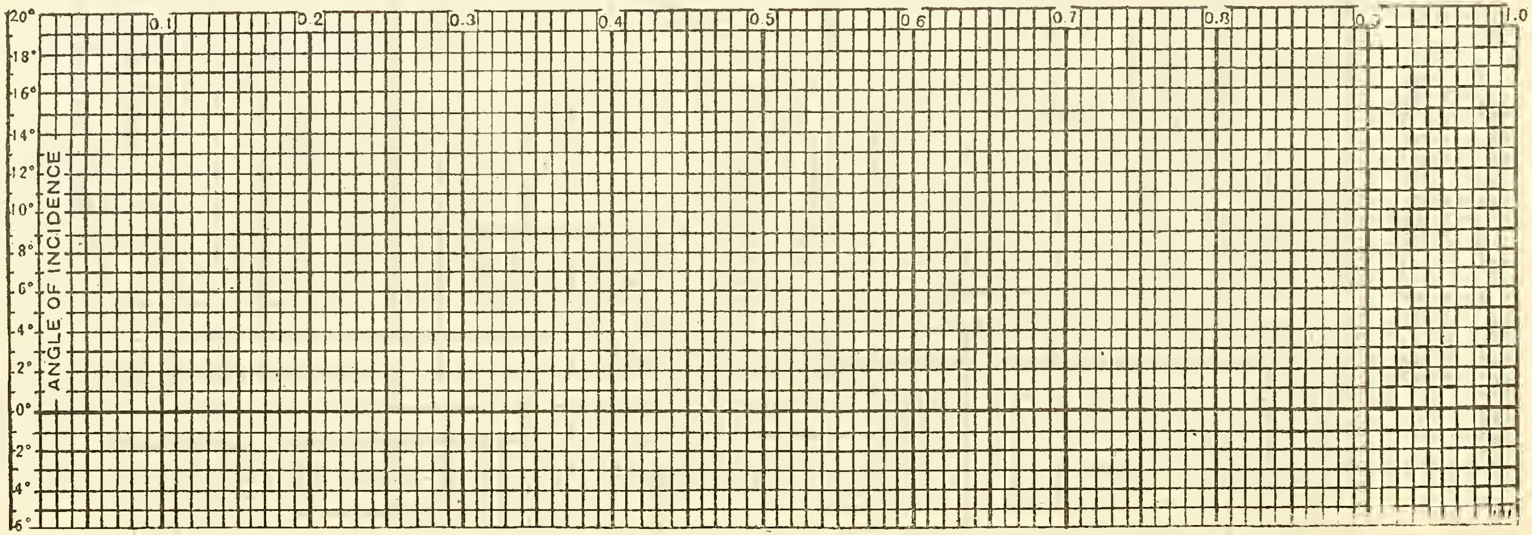
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 16C.



CURVE OF CENTER OF PRESSURE TRAVEL

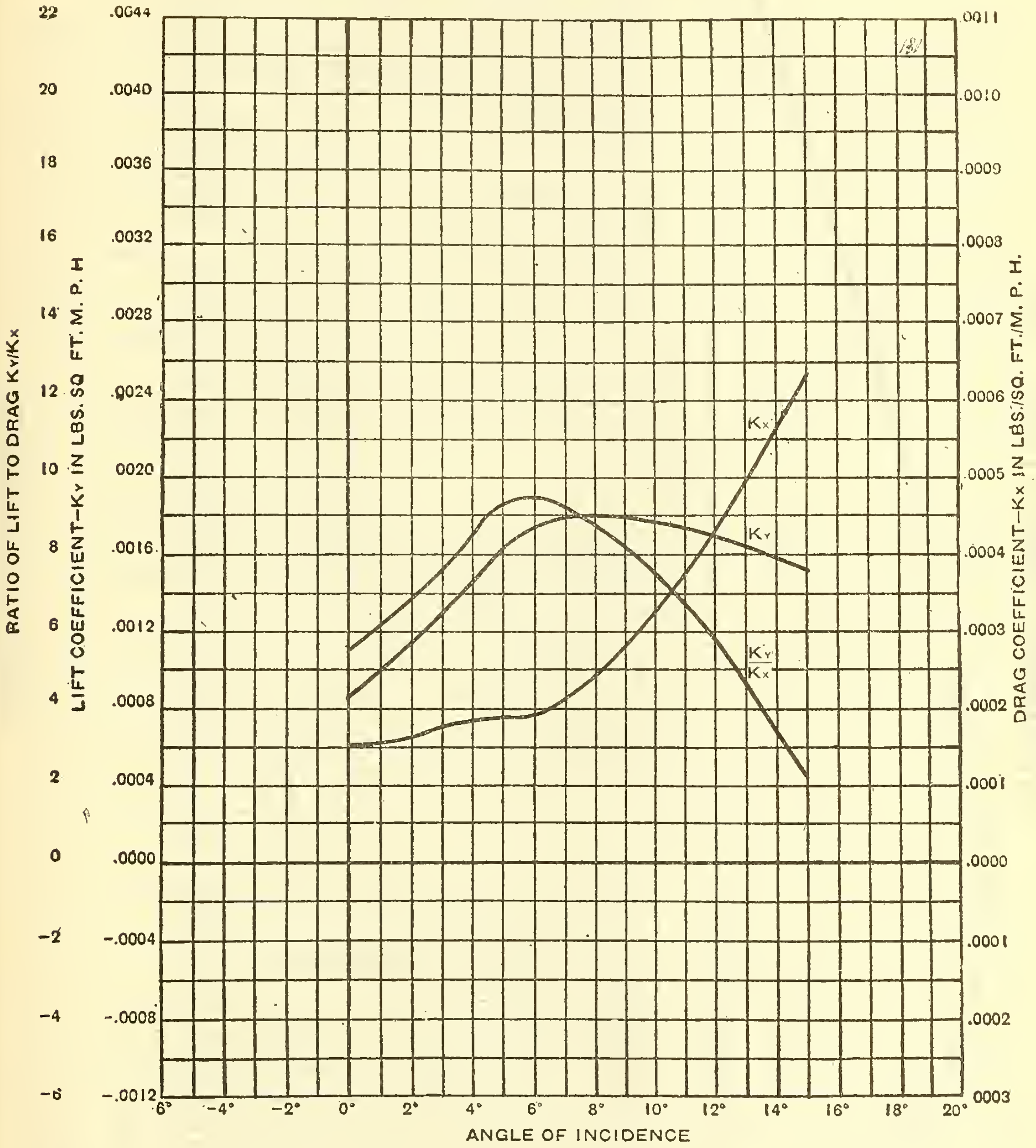


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.167	.146	.107	.0507	0
Lower camber	0	0	0	0	0	0

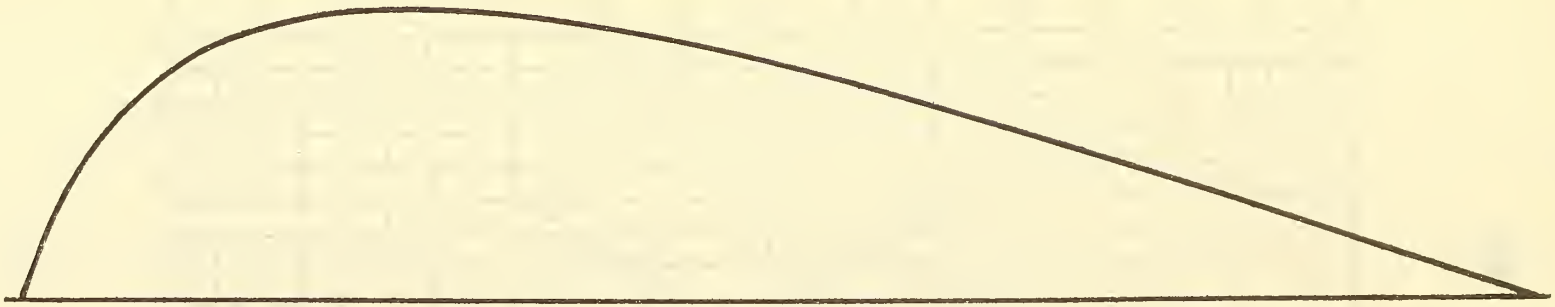
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 16c.

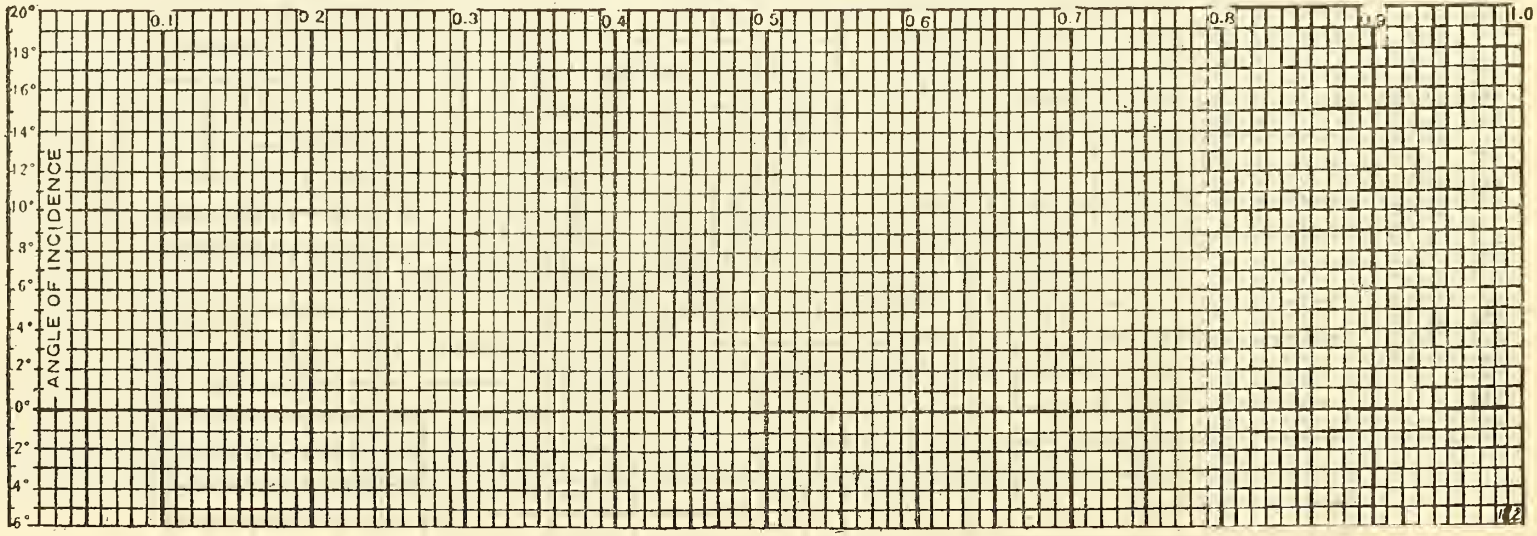
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 16D.



CURVE OF CENTER OF PRESSURE TRAVEL

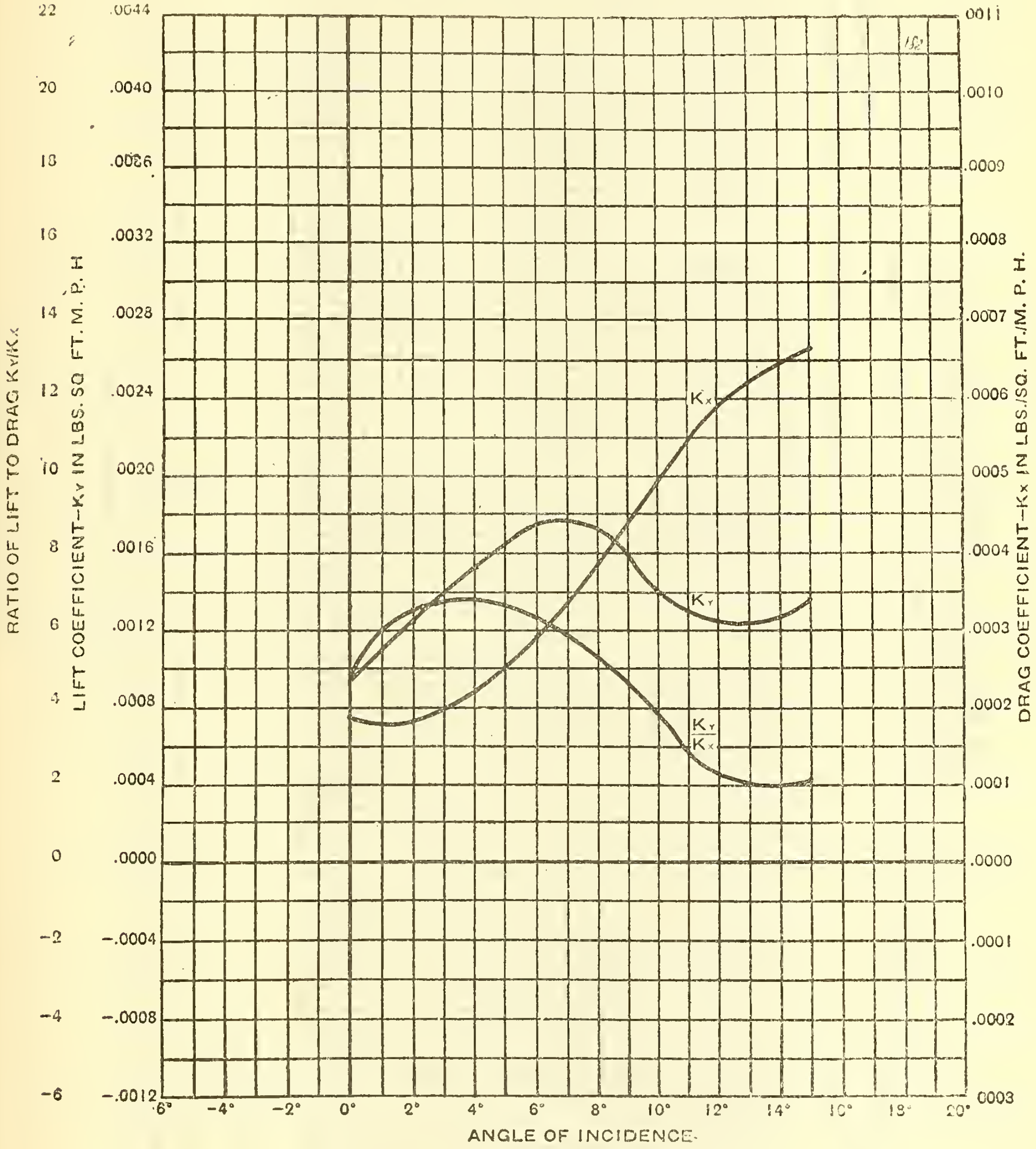


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.20	.18	.13	.067	0
Lower camber	0	0	0	0	0	0

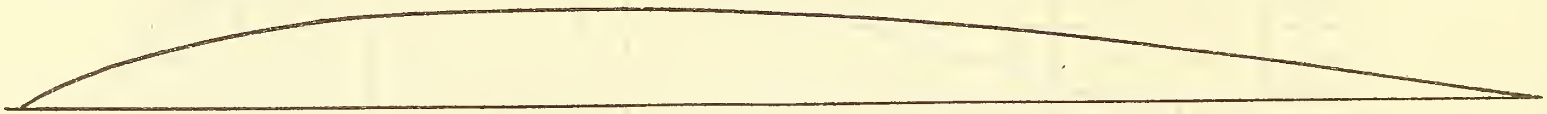
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 16D.

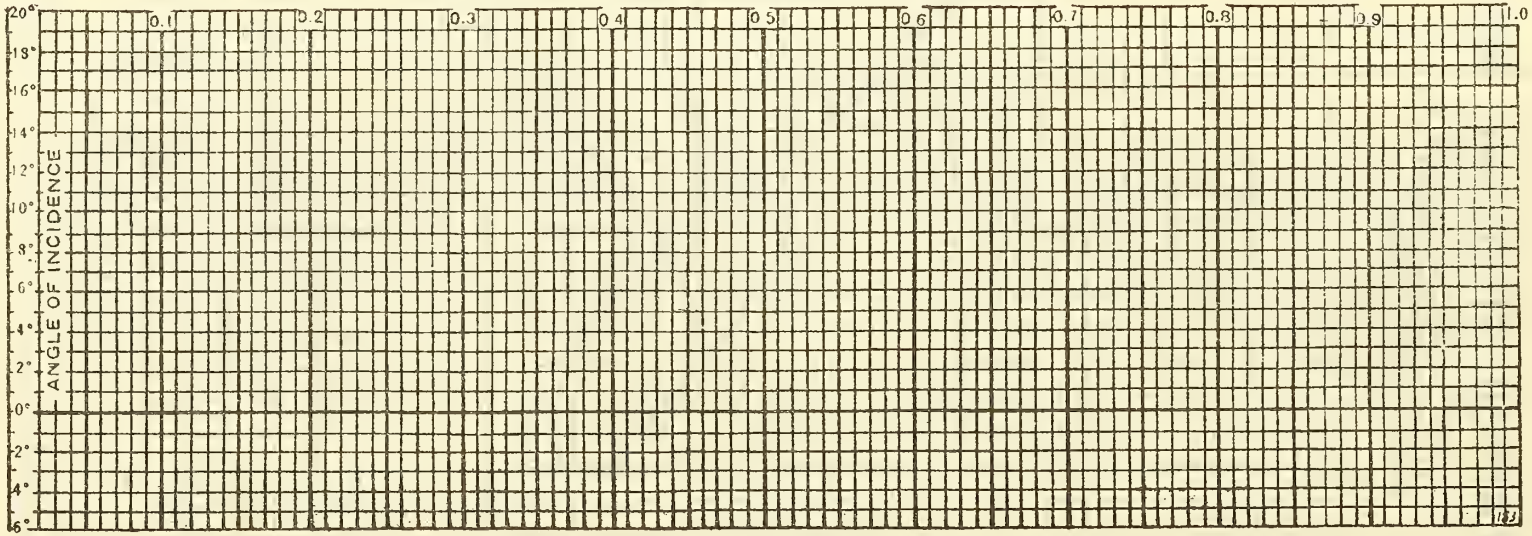
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 17.



CURVE OF CENTER OF PRESSURE TRAVEL

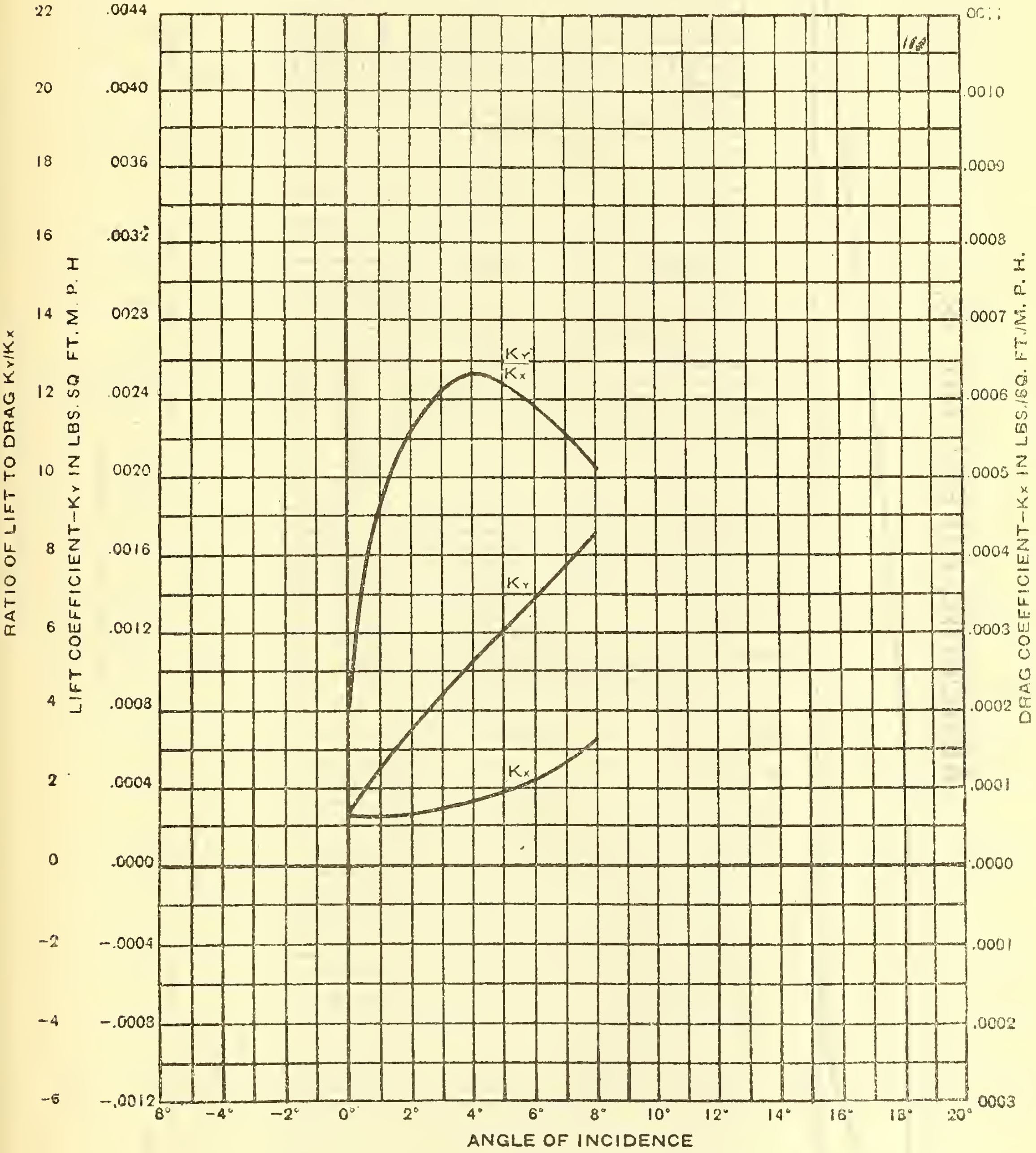


Distance from leading edge	0	.20	.333	.40	.60	.80	1.00
Upper camber	0	.0565	.0665	.065	.0533	.03	0
Lower camber	0	0	0	0	0	0	0

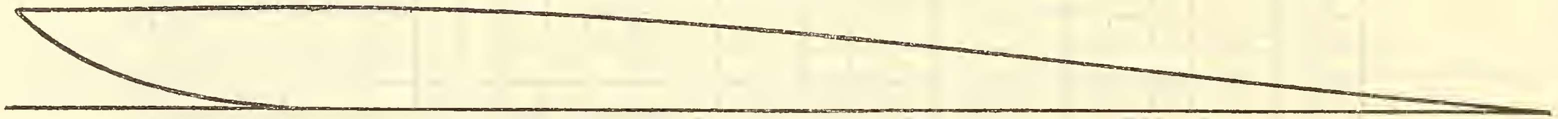
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 17.

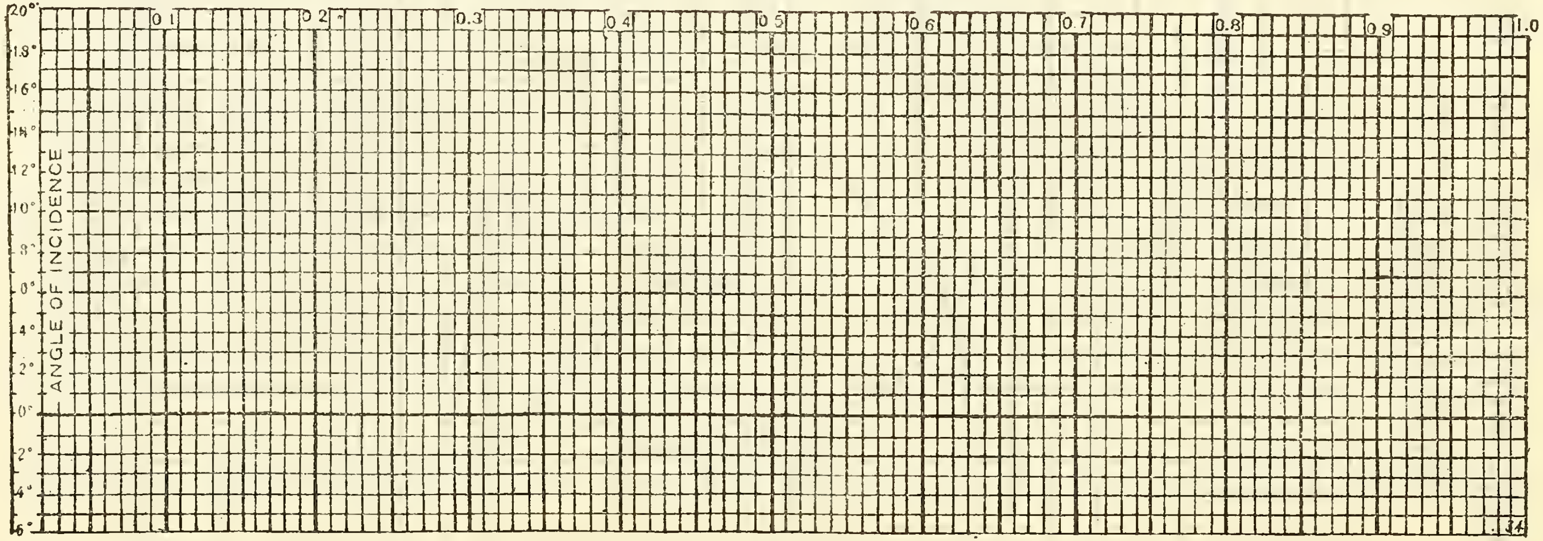
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 18.



CURVE OF CENTER OF PRESSURE TRAVEL

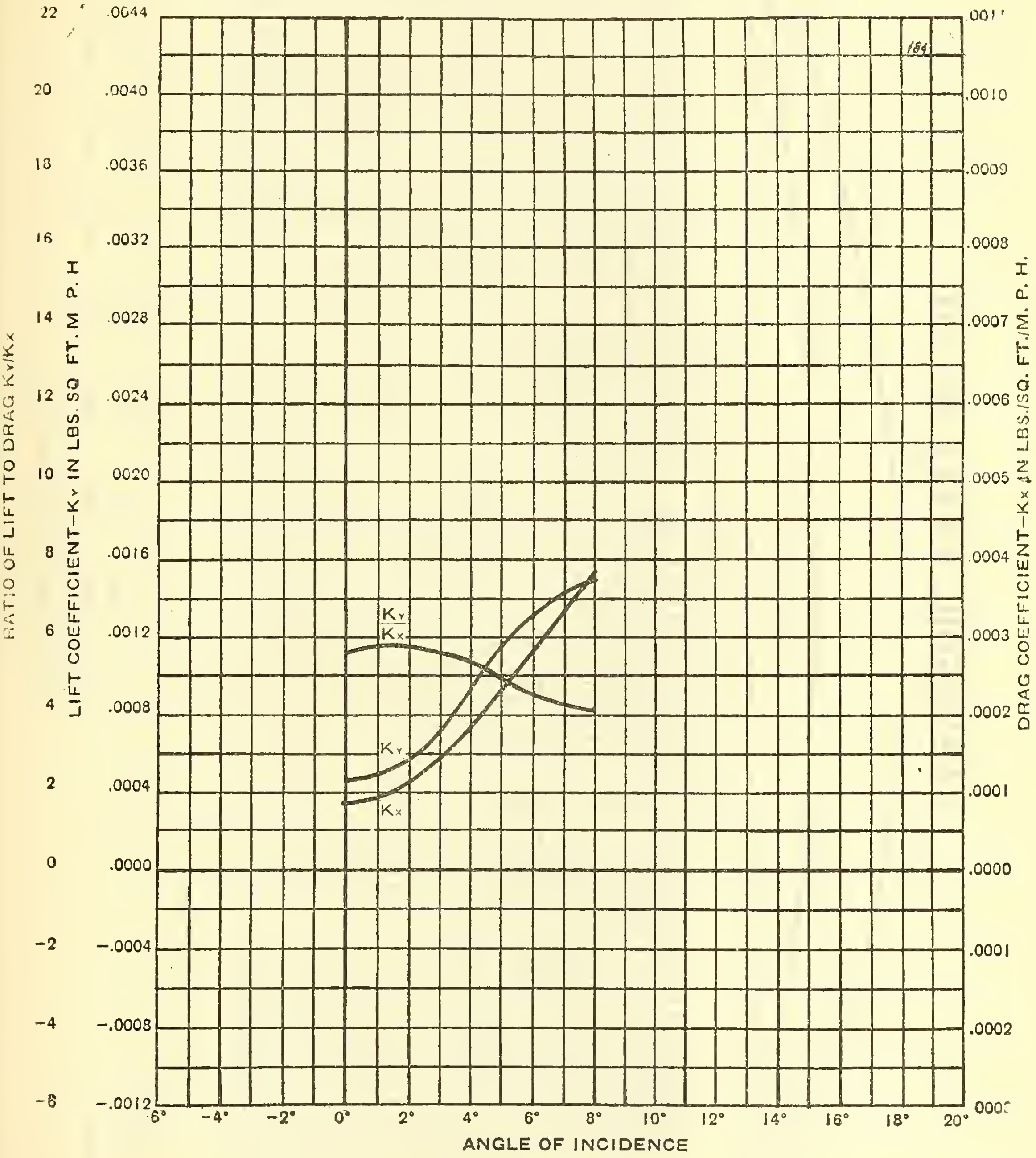


Distance from leading edge	0	.20	.25	.40	.60	.80	1.00
Upper camber	.065	.065	.0665	.06	.0434	.0233	0
Lower camber	.065	0	0	0	0	0	0

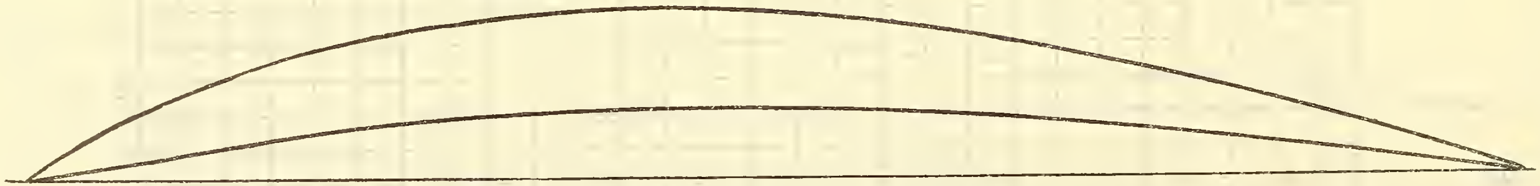
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 18.

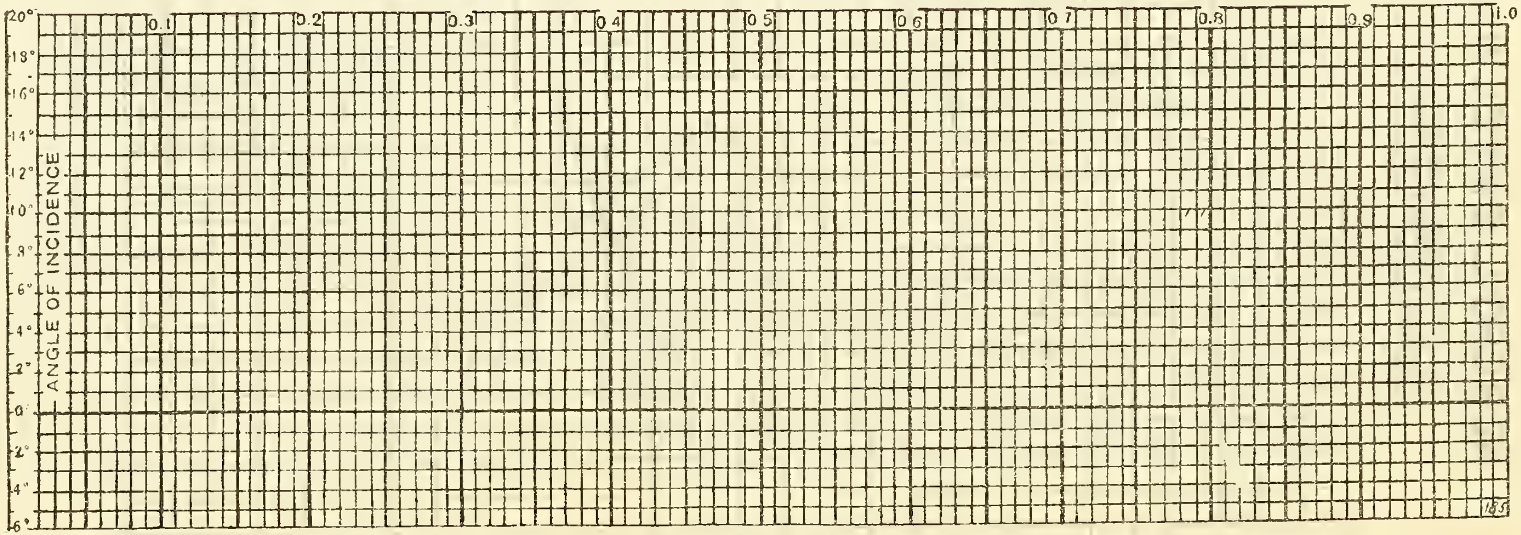
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 30.



CURVE OF CENTER OF PRESSURE TRAVEL

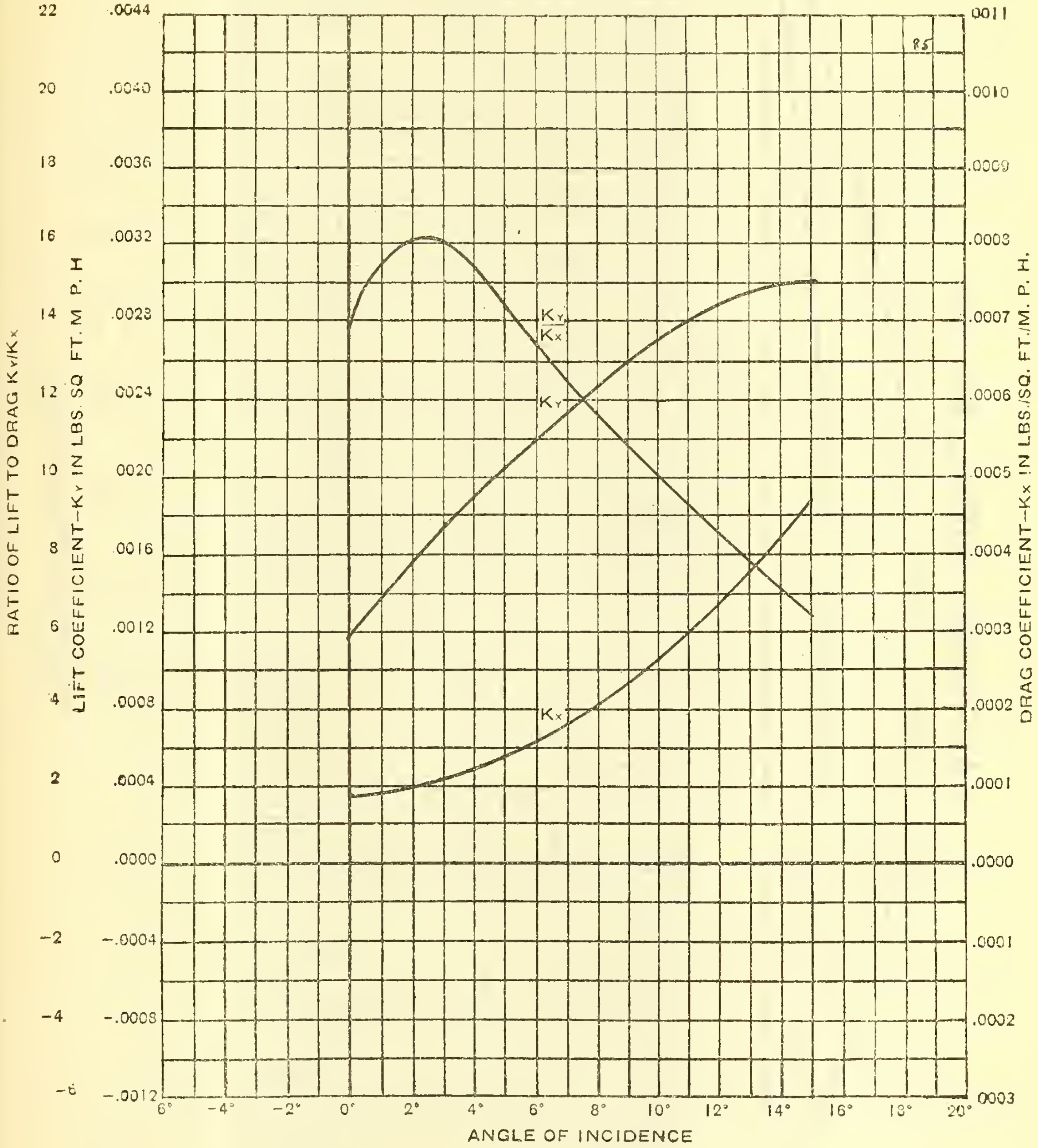


Distance from leading edge	0	.10	.203	.30	.405	.50	.61	.70	.813	.90	1.00
Upper camber	0	.058	.0865	.104	.112	.104	.0913	.08	.058	.031	0
Lower camber	0	.019	.0345	.0416	.0445	.0437	.0406	.0345	.0234	.011	0

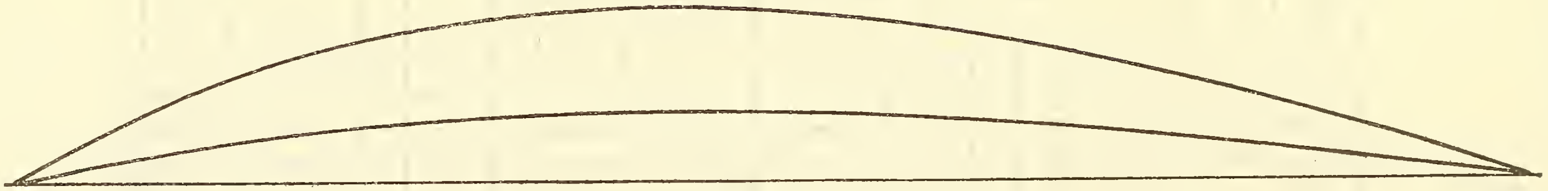
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 30.

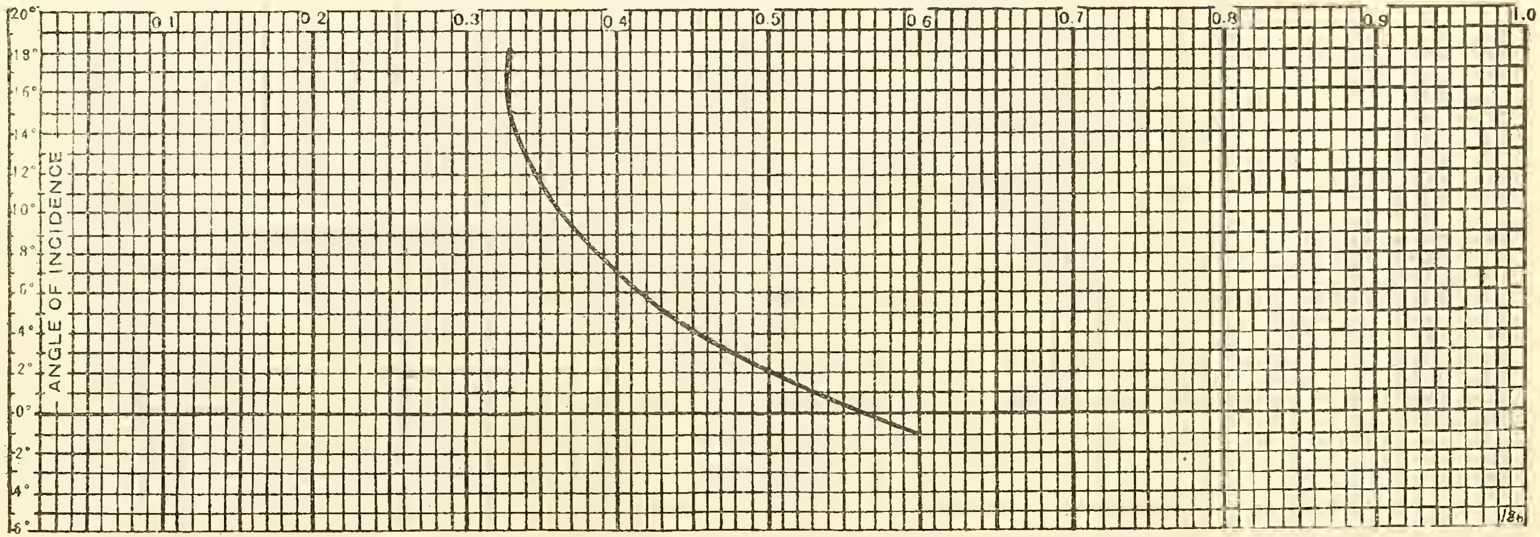
SIZE OF MODEL, 600 BY 100 MM.
VELOCITY OF WIND, 89.5 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 31.



CURVE OF CENTER OF PRESSURE TRAVEL

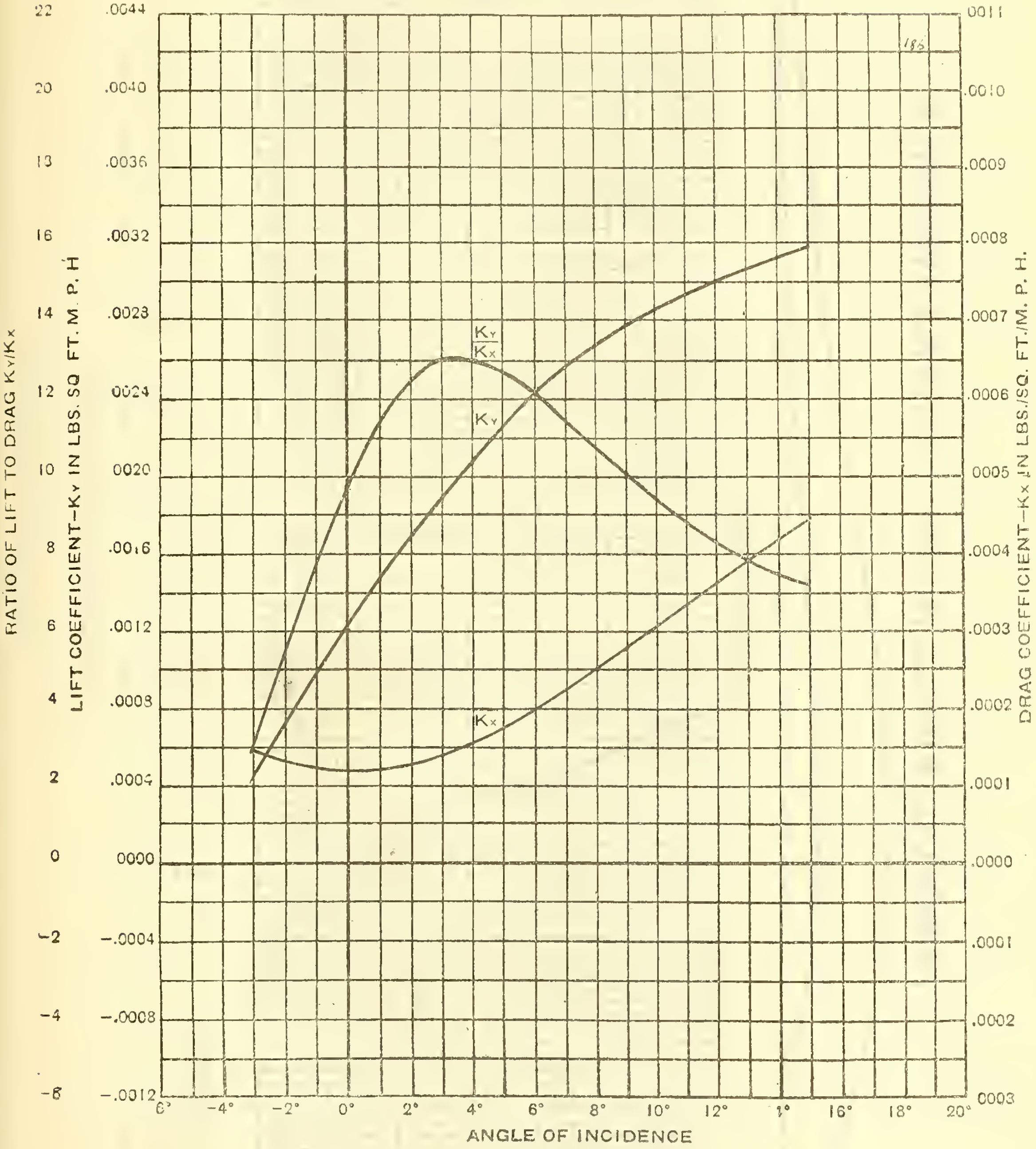


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.048	.0866	.110	.114	.1125	.0989	.083	.058	.0333	0
Lower camber	0	.0213	.034	.0446	.0473	.0466	.0413	.033	.024	.013	0

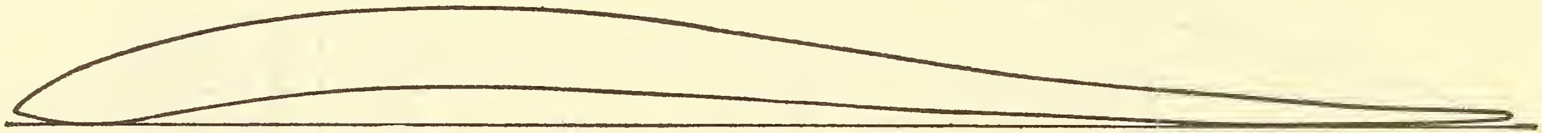
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 31.

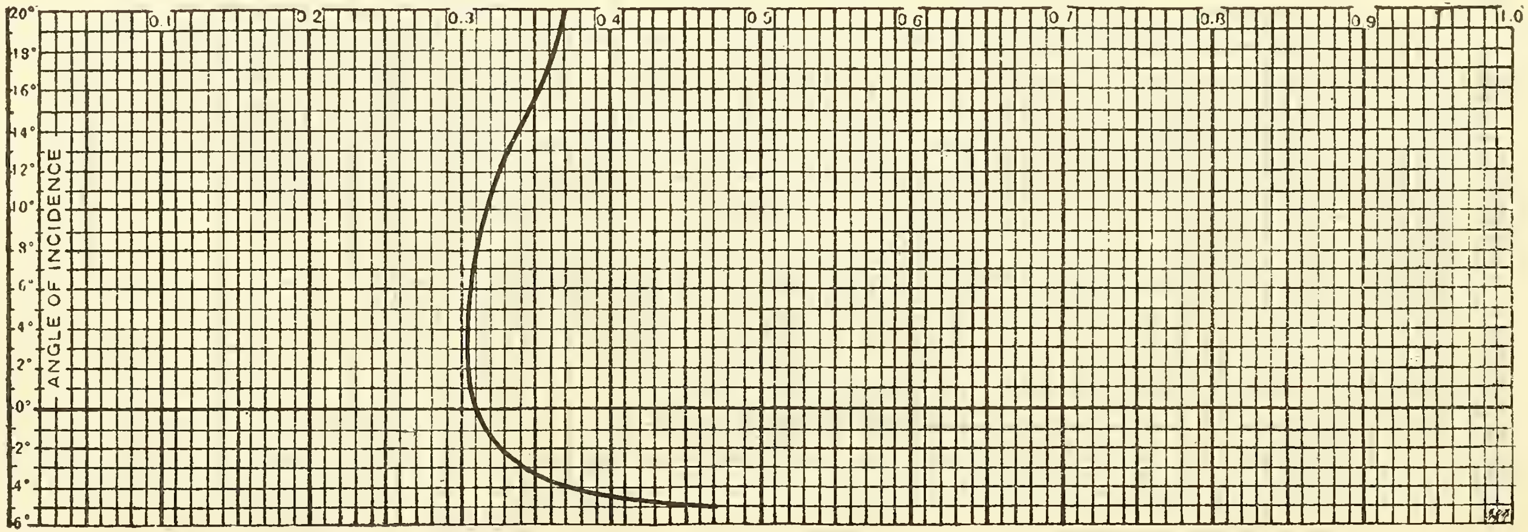
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 32 (LANIER-LAWRENCE).



CURVE OF CENTER OF PRESSURE TRAVEL

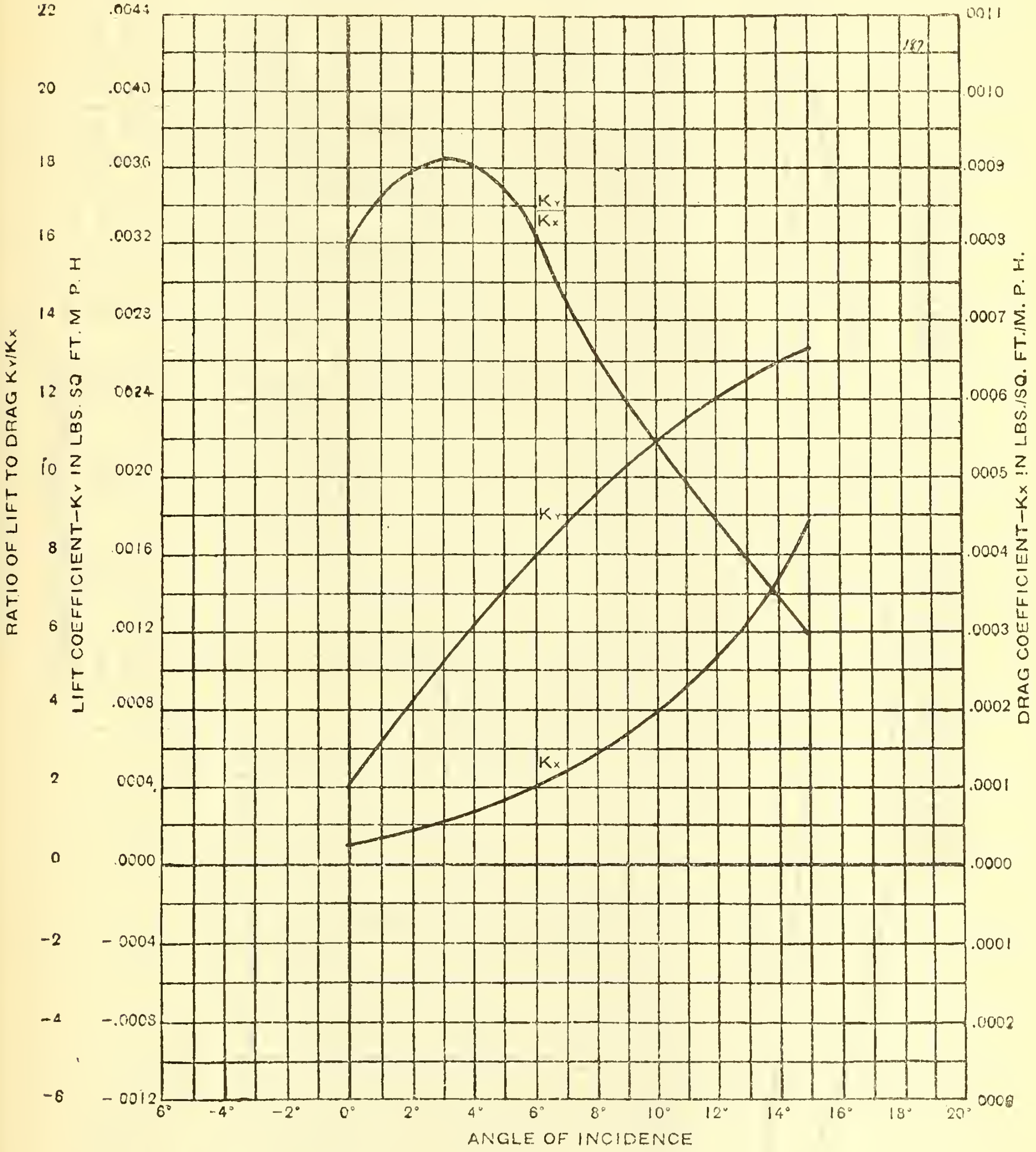


Distance from leading edge	0	.035	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	....	.0533	.0733	.0793	.0726	.0586	.0446	.0333	.0233	.01535	.01
Lower camber	.01	0	.00667	.0227	.0293	.0273	.02	.0113	.00533	.00267	0	.0033

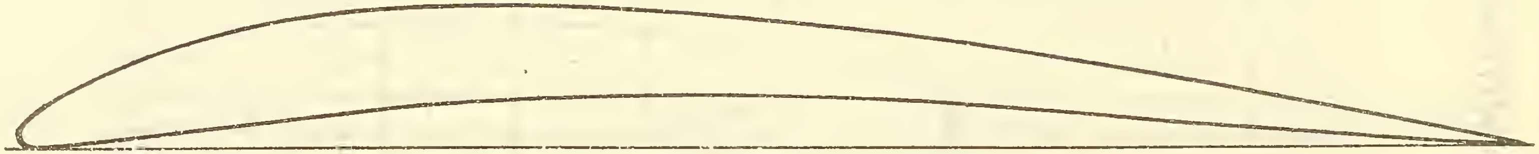
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 32 (LANIER-LAWRENCE).

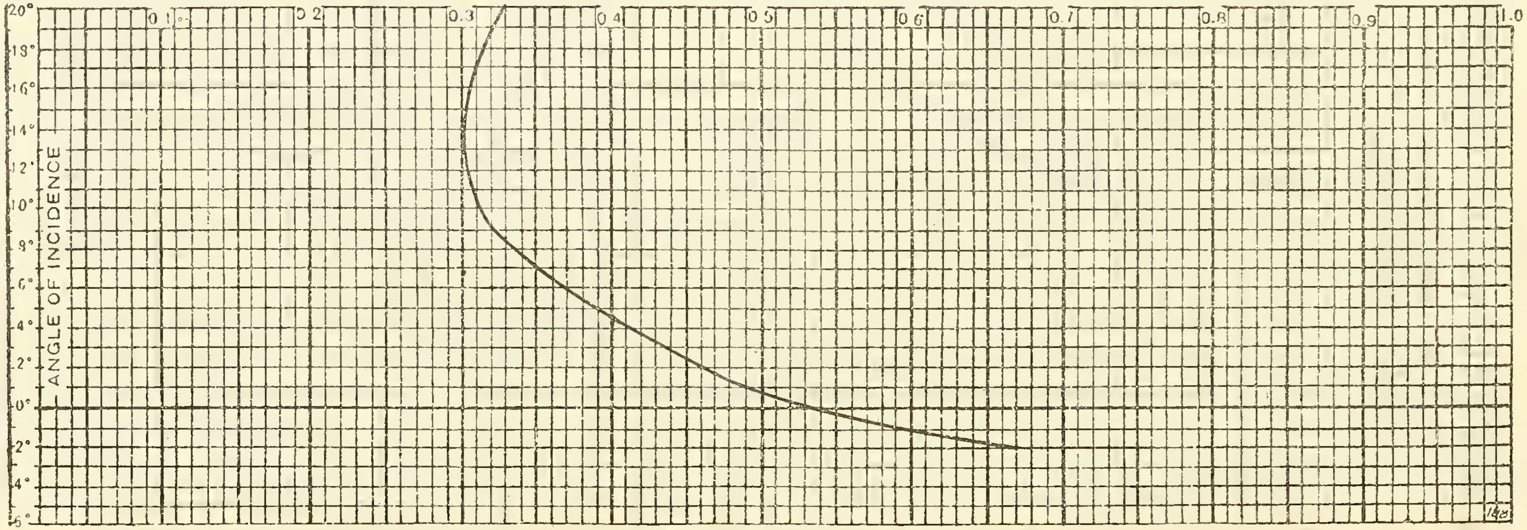
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 67.1 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 33 (BREGUET).



CURVE OF CENTER OF PRESSURE TRAVEL

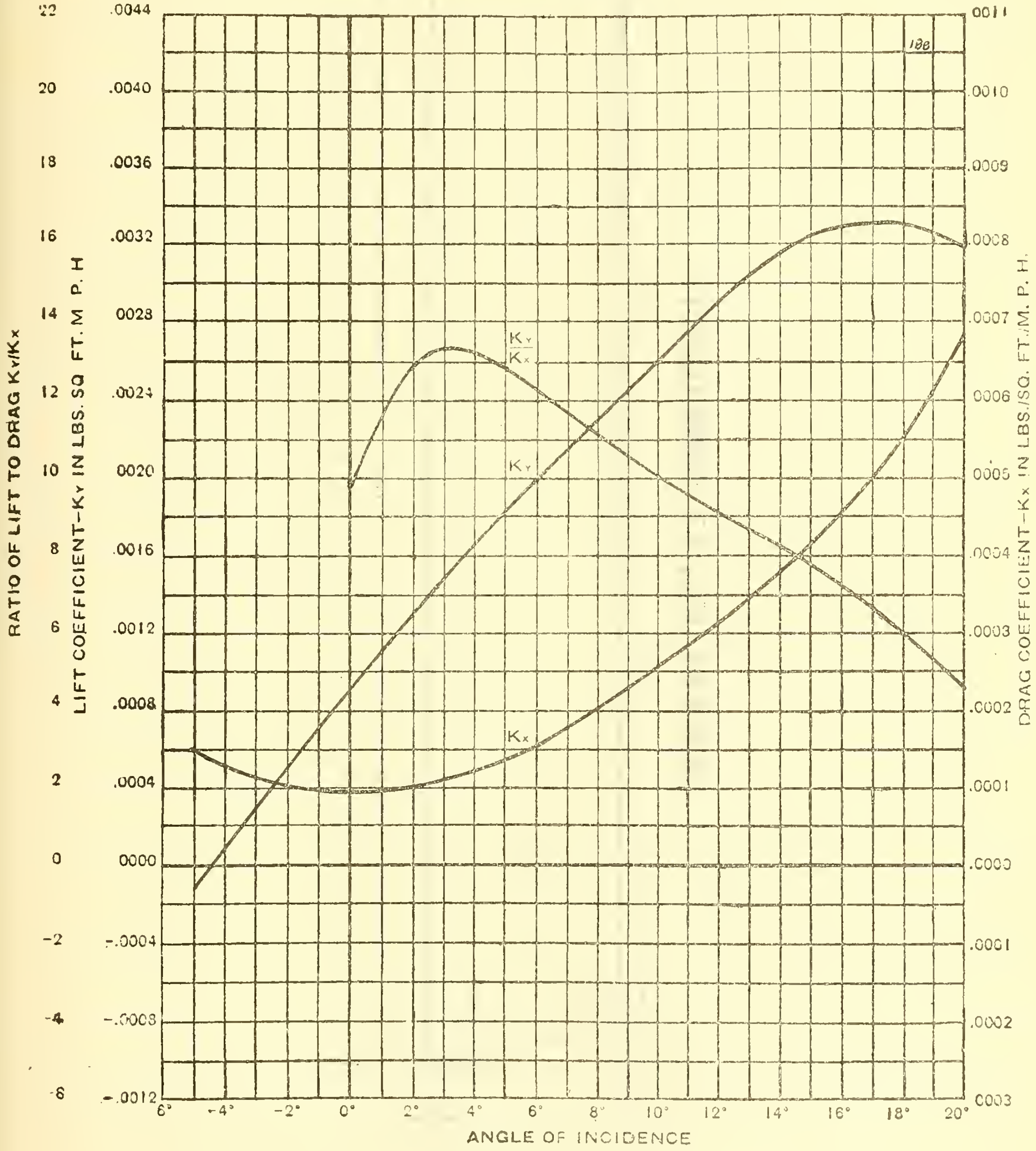


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber		.0675	.088	.093	.088	.083	.071	.0585	.0405	.025	0
Lower camber	0	.0101	.0203	.0298	.0338	.0338	.0304	.0263	.0169	.0095	0

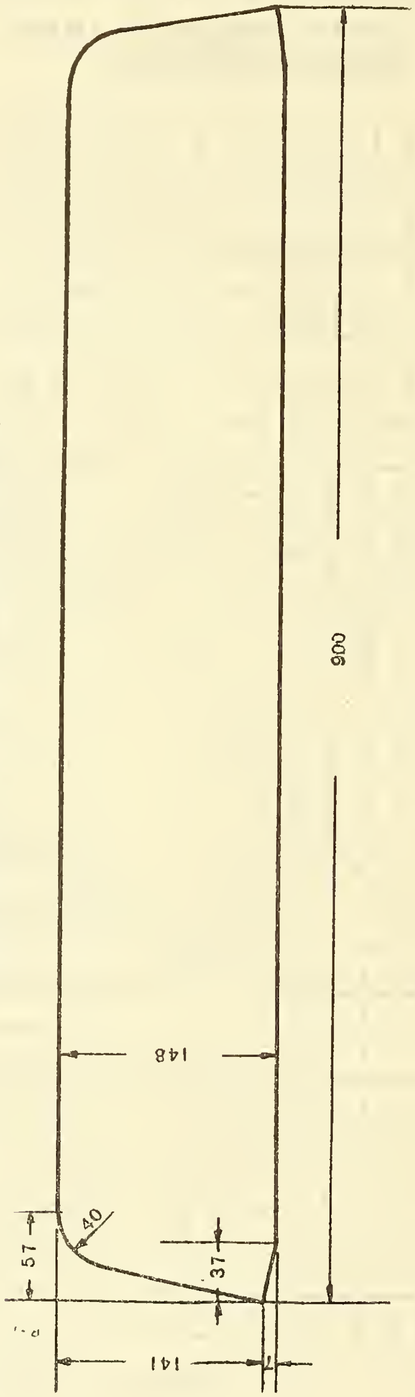
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 33 (BREGUET).

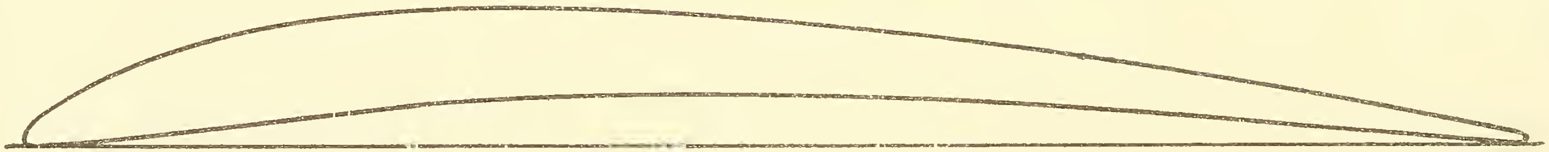
SIZE OF MODEL, 900 BY 148 MM.
VELOCITY OF WIND, 44.7 M. P. H.
WIND TUNNEL, EIFFEL.



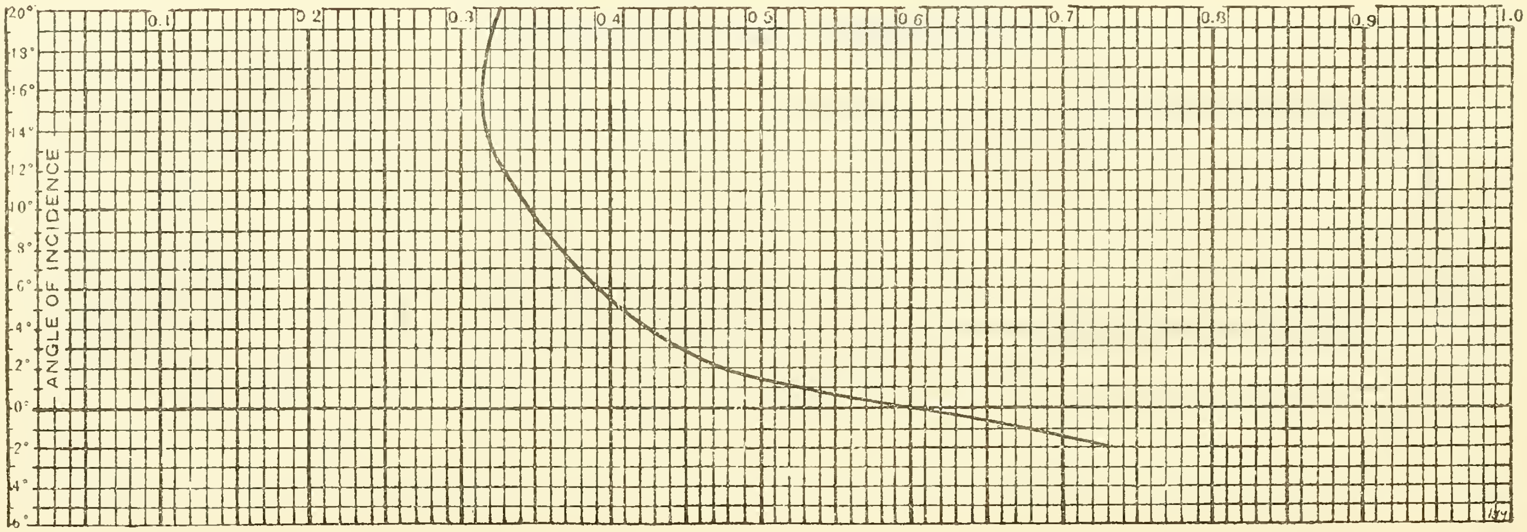
EIFFEL NO. 33 (BREGUET).



AEROFOIL, EIFFEL No. 33A.



CURVE OF CENTER OF PRESSURE TRAVEL

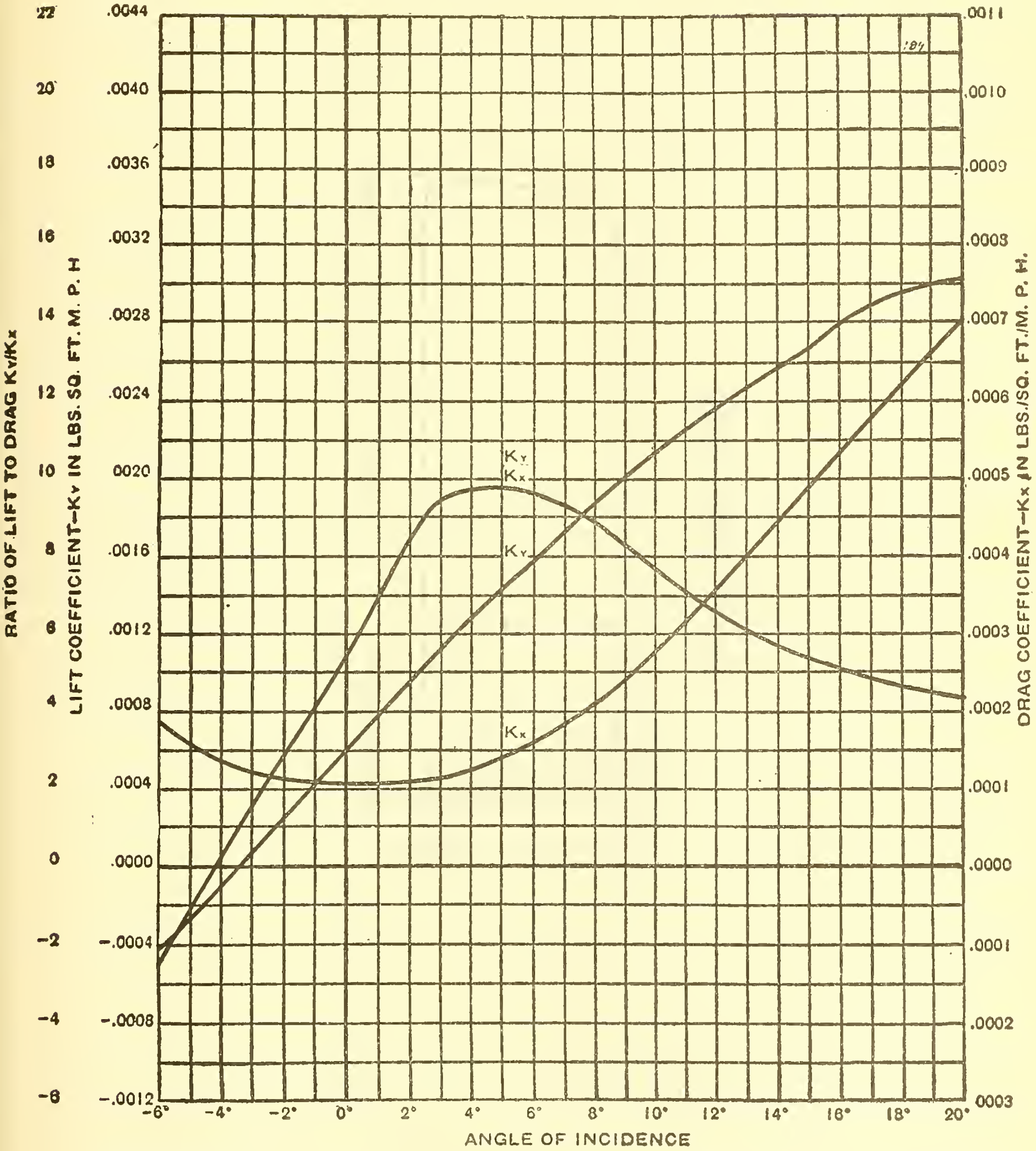


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	....	.0675	.088	.093	.088	.083	.071	.0585	.0405	.025	0
Lower camber	0	.0101	.0203	.0298	.0338	.0338	.0304	.0263	.0169	.0095	0

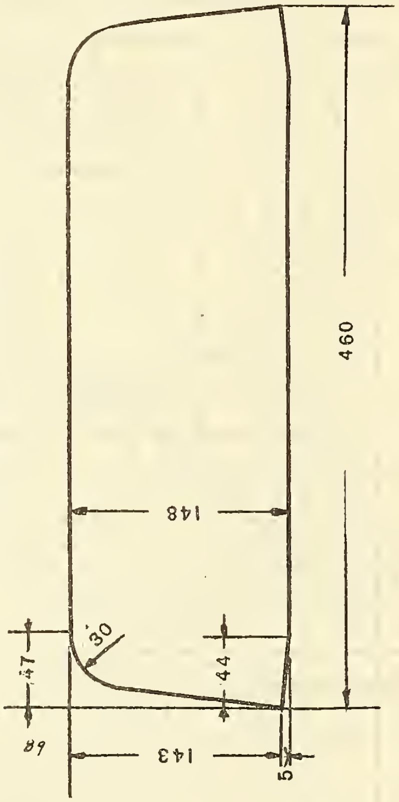
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 33A.

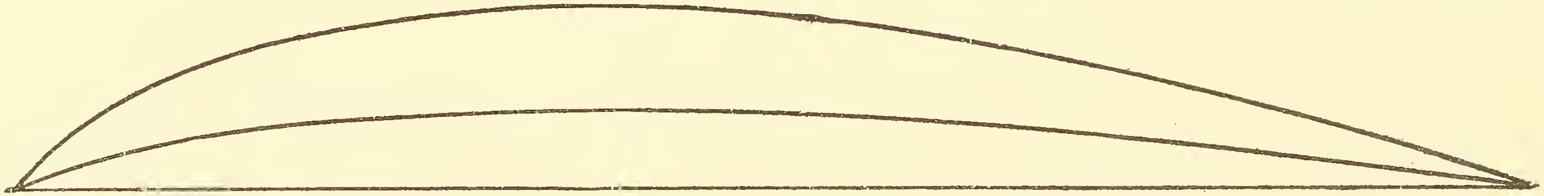
SIZE OF MODEL, 460 BY 148 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



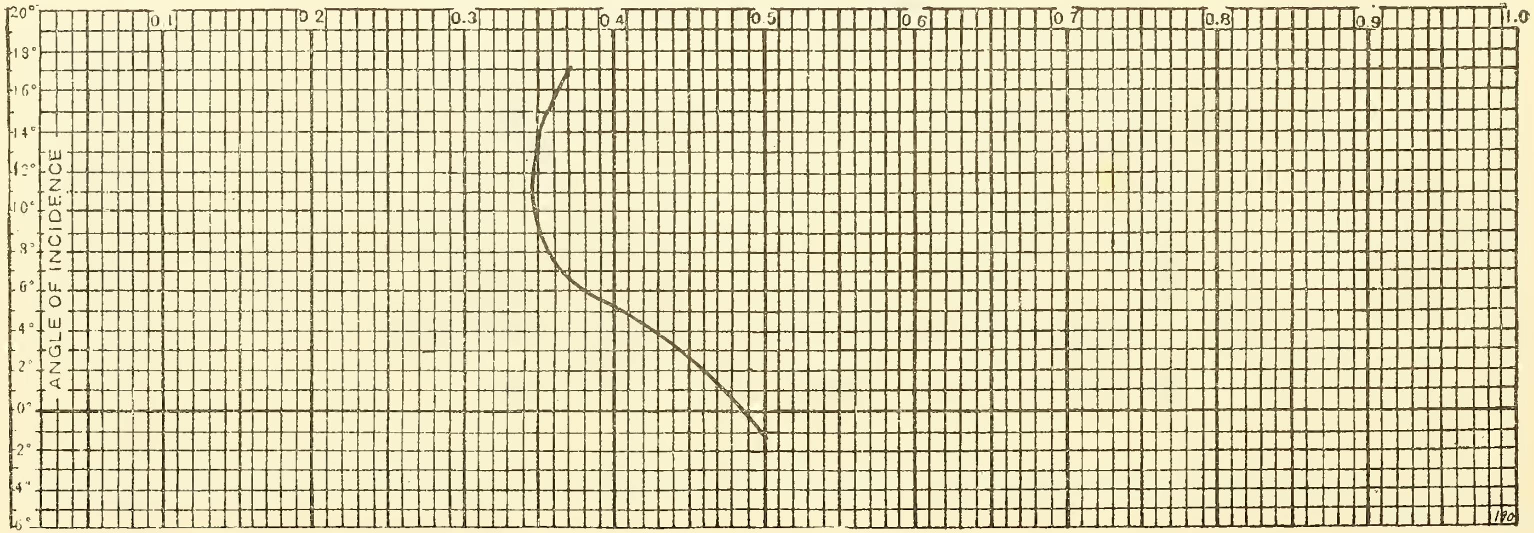
EIFFEL No. 33A.



AEROFOIL, EIFFEL No. 34 (COLLIEX-JEANSON).



CURVE OF CENTER OF PRESSURE TRAVEL

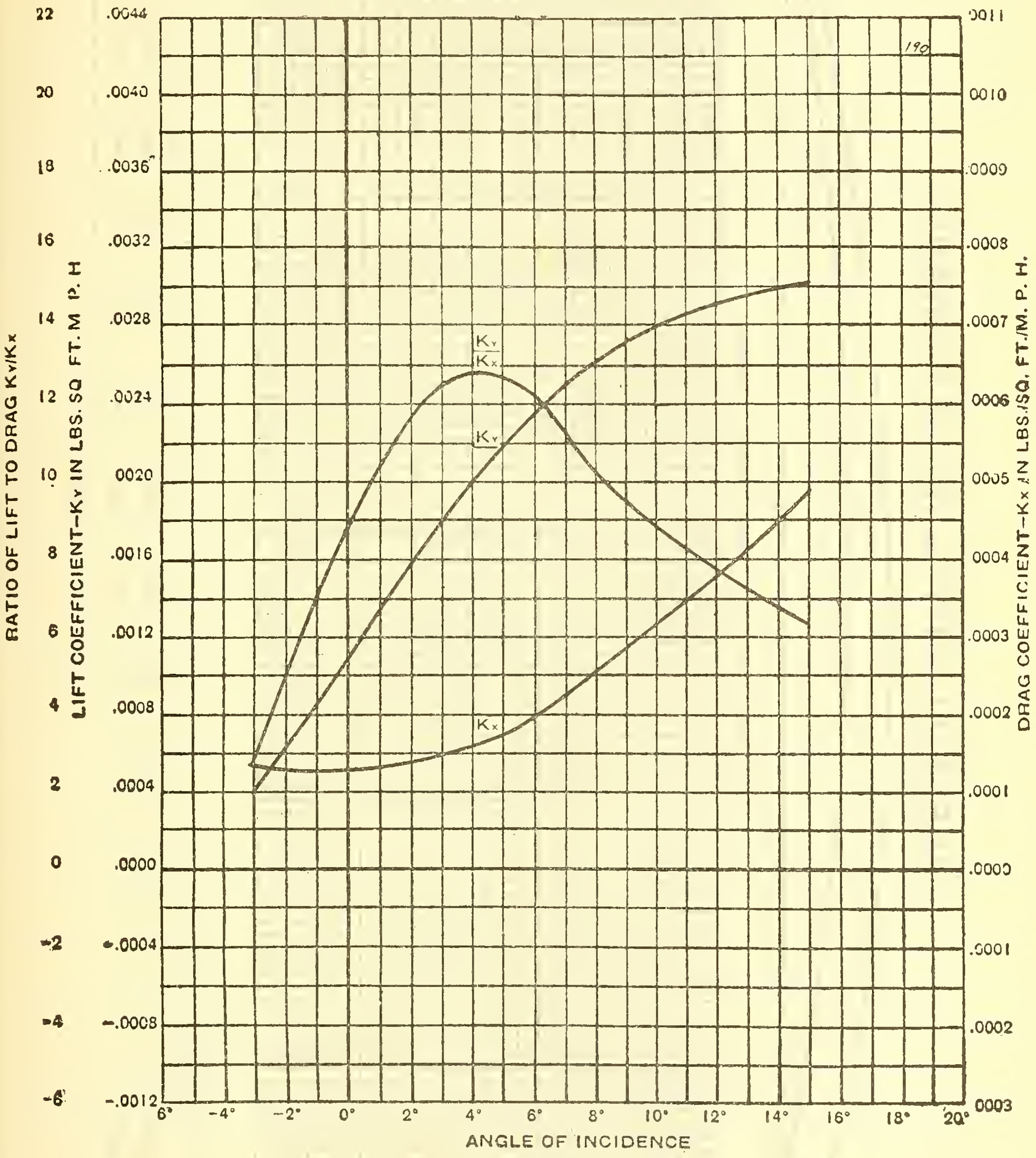


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.0613	.1015	.118	.126	.115	.098	.08	.056	.0347	.0105
Lower camber	0	.0213	.0453	.0533	.0573	.052	.042	.0333	.0213	.012	0

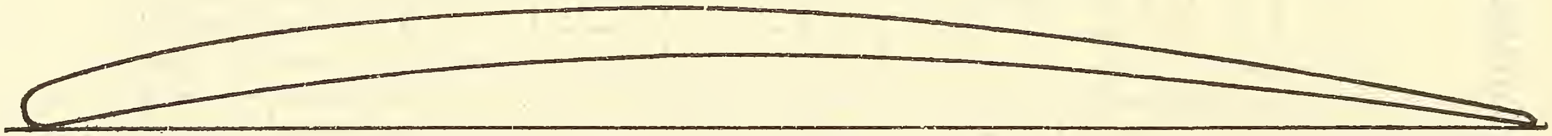
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 34 (COLLIEX-JEANSON).

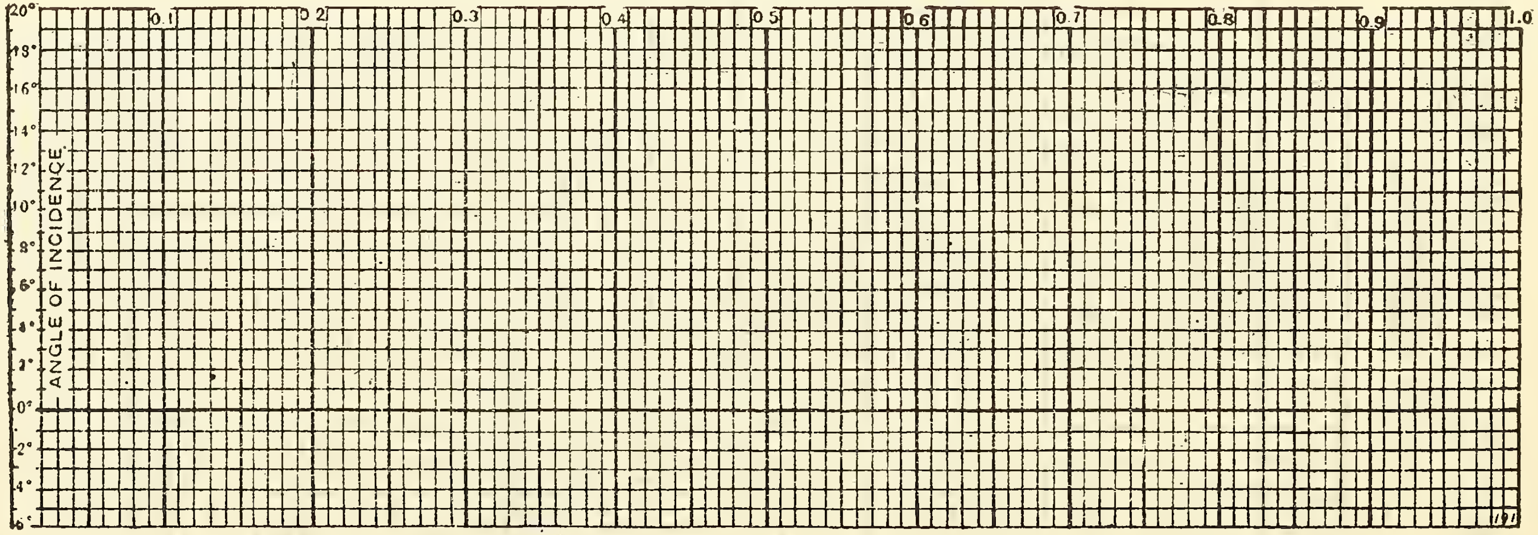
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 35 (DORAND).



CURVE OF CENTER OF PRESSURE TRAVEL

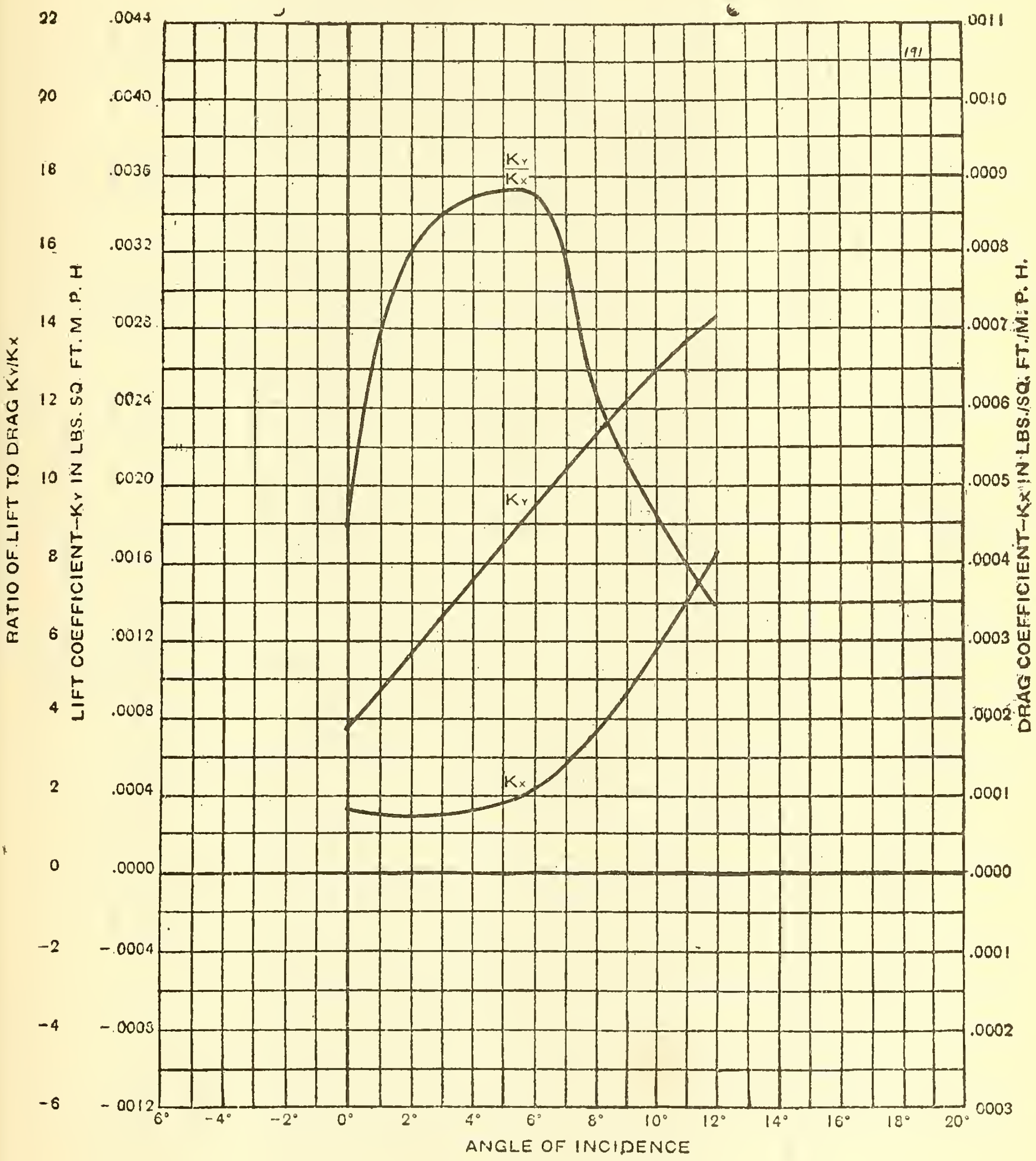


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0234	.0465	.0666	.0774	.080	.080	.0708	.0652	.0426	.0213	.00467
Lower camber	0	.02	.0333	.0433	.046	.050	.0466	.0453	.03	.0133	0

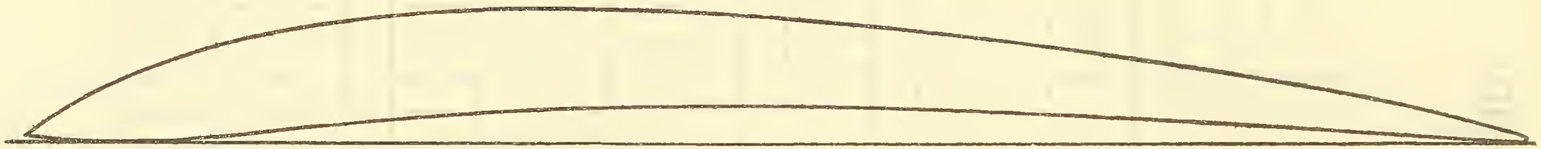
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 35 (DORAND).

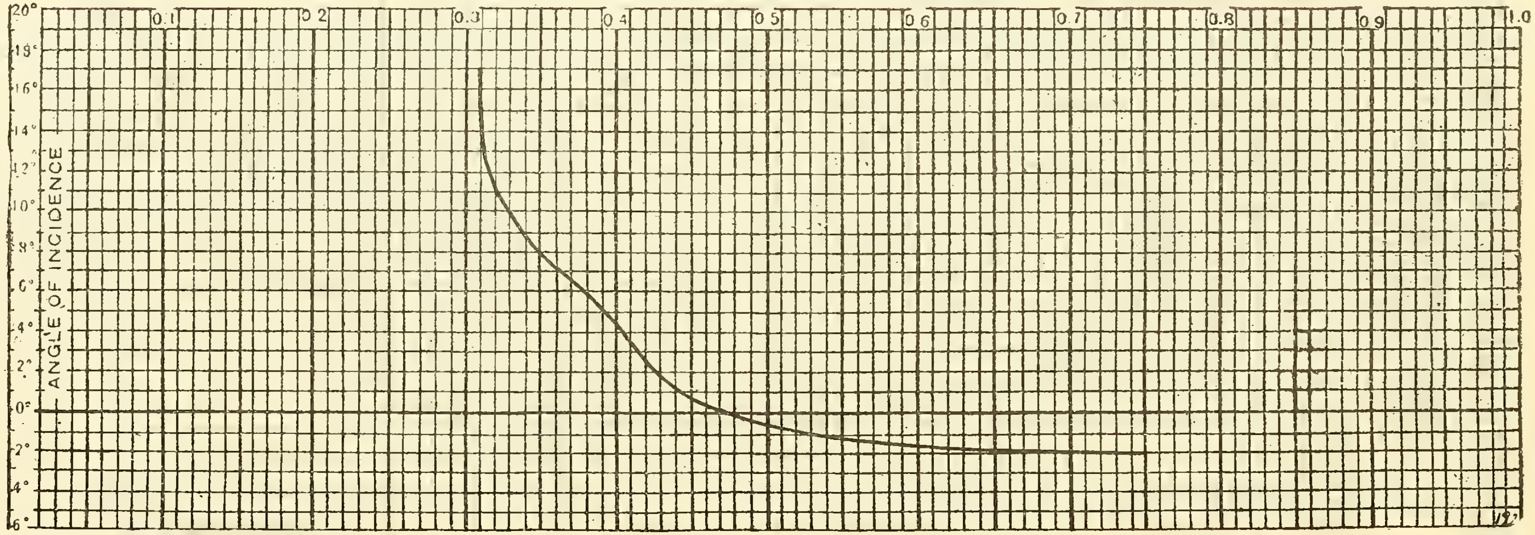
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 36.



CURVE OF CENTER OF PRESSURE TRAVEL

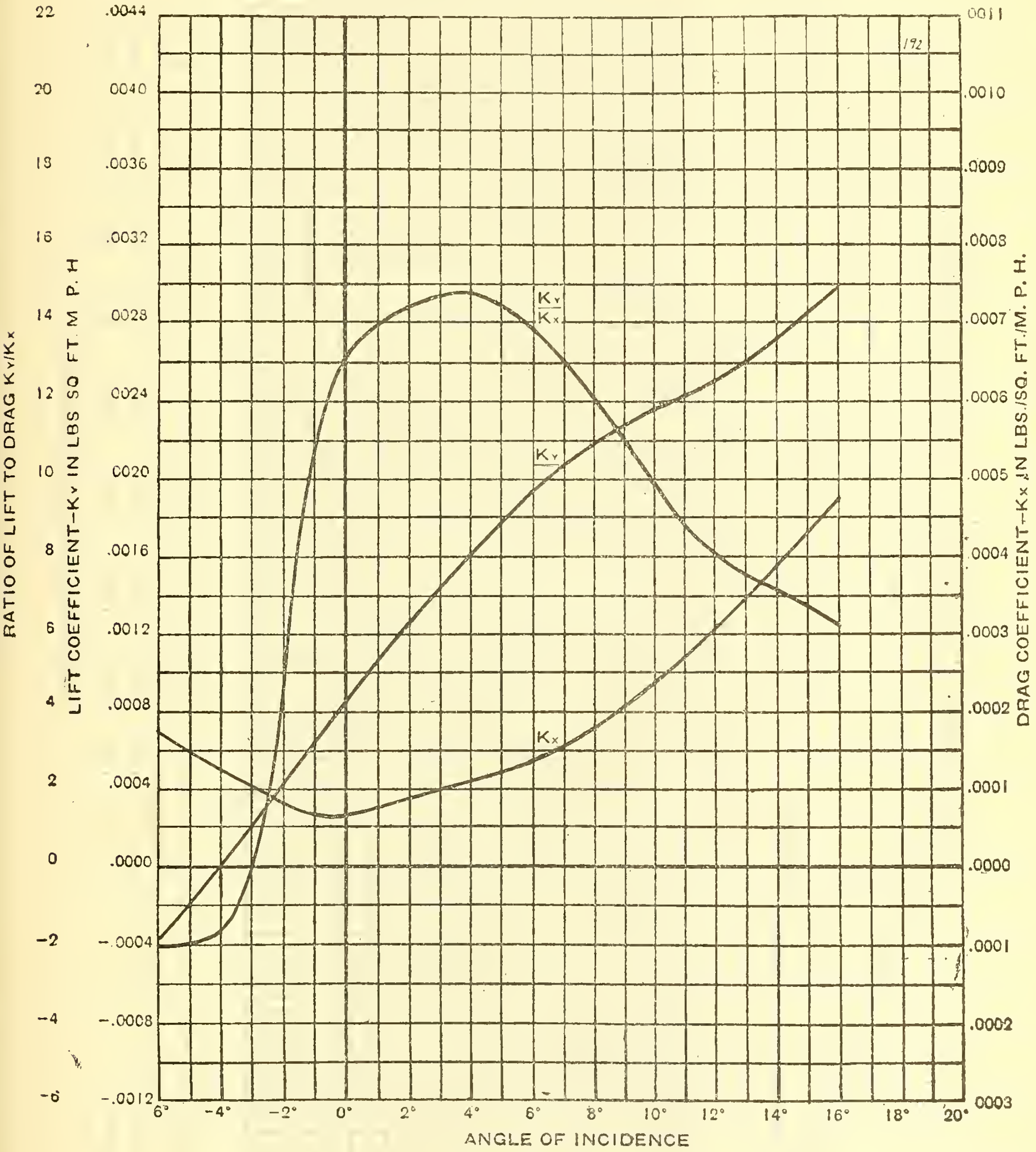


Distance from leading edge	0	.04	.06	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber	.0035	.028	.038	.054	.0681	.0775	.0862	.0862	.084	.0742	.0598	.0469	.028	.0162	.004
Lower camber	.0035	.0003	0	.001	.0057	.011	.018	.021	.024	.024	.020	.0155	.009	.004	0

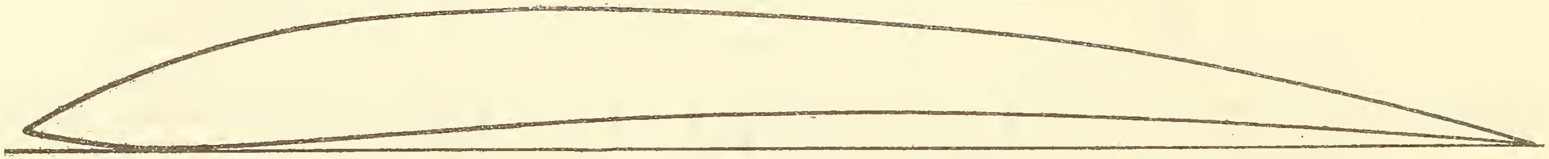
All dimensions given as decimal parts of chord.

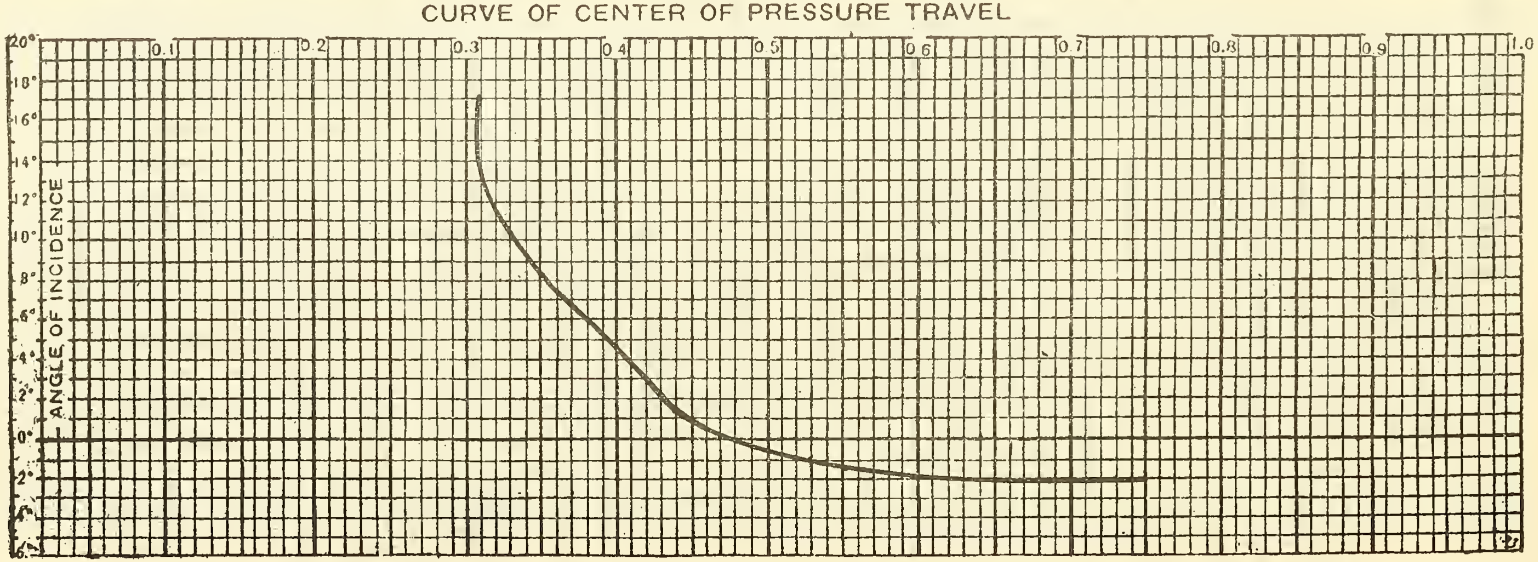
AEROFOIL, EIFFEL No. 36.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 36 (ODIER).



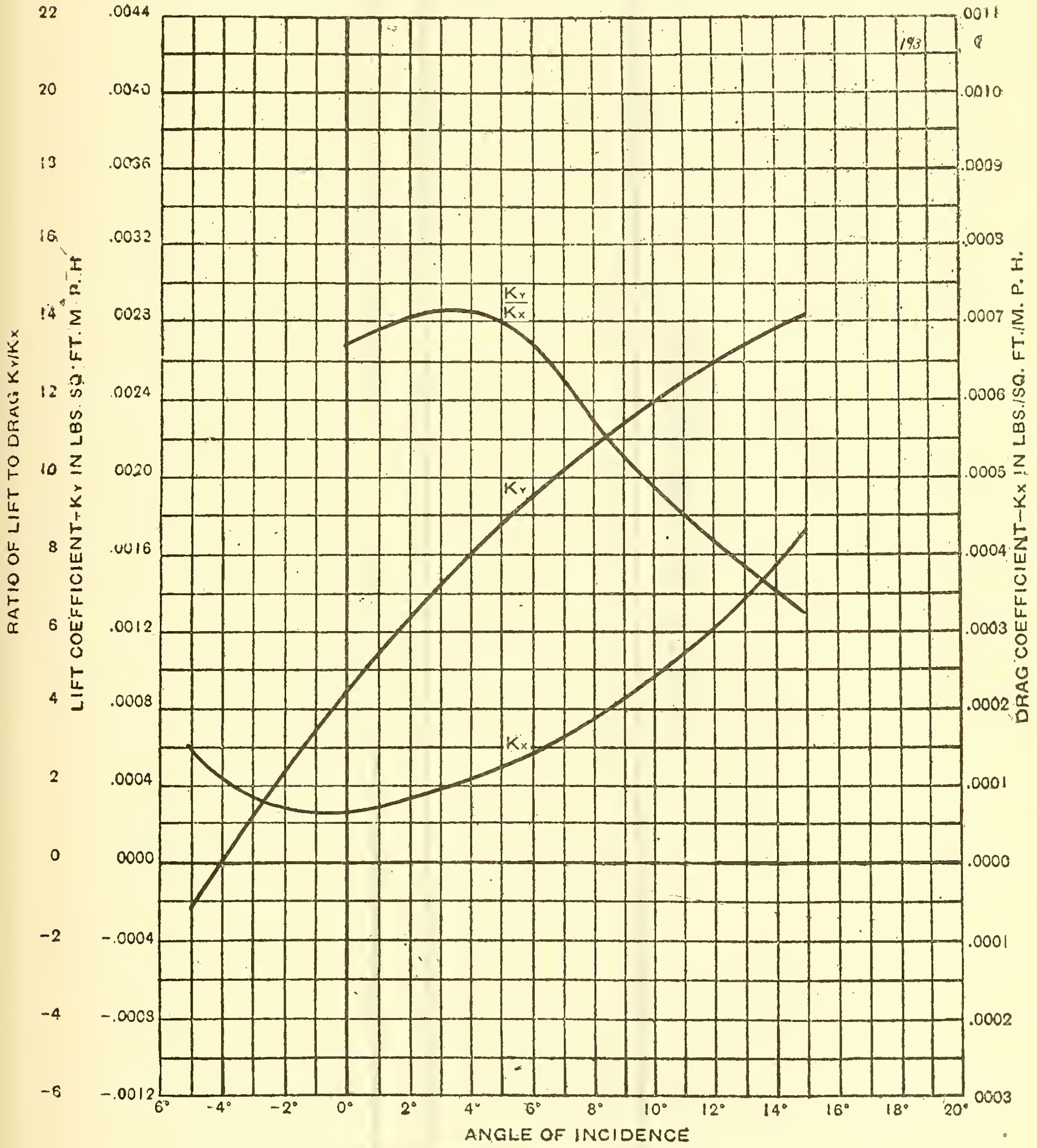

CURVE OF CENTER OF PRESSURE TRAVEL

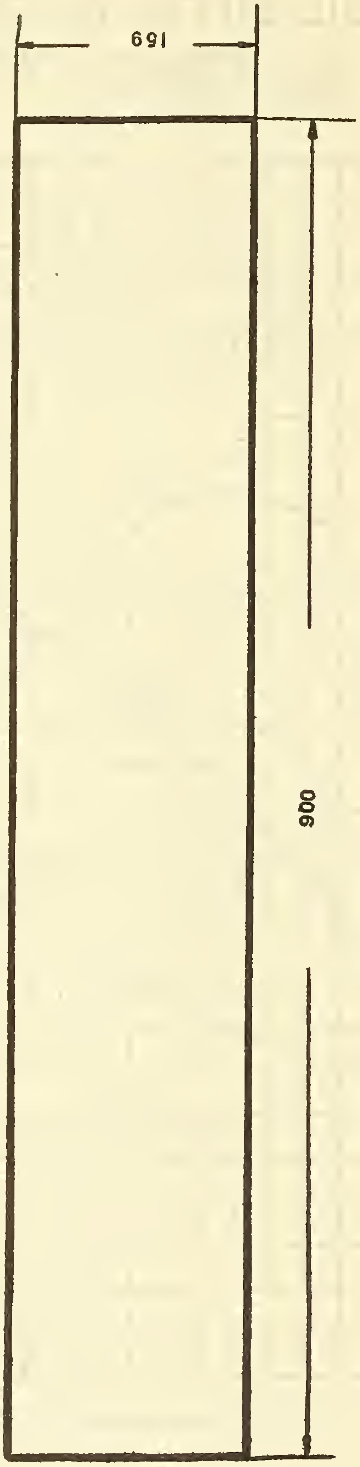
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.913	1.00
Upper camber	.013	.0622	.0754	.086	.088	.0842	.0785	.066	.0503	.0296	0
Lower camber	.013	.00316	.00944	.017	.0207	.023	.023	.0188	.0157	.0094	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 36 (ODIER).

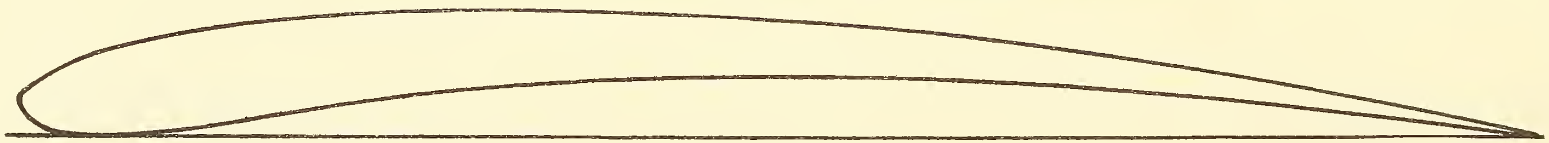
SIZE OF MODEL, 900 BY 159 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



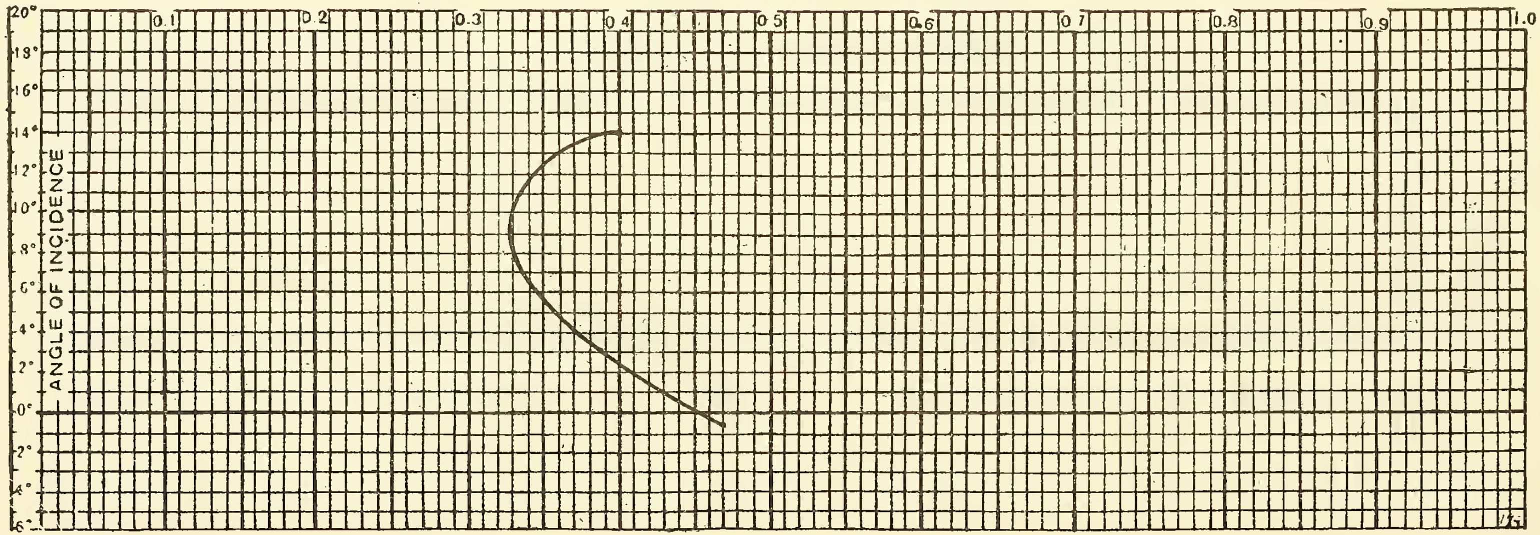


EIFFEL No. 36 (ODIER).

AEROFOIL, EIFFEL No. 37 (KAUFFMAN).



CURVE OF CENTER OF PRESSURE TRAVEL

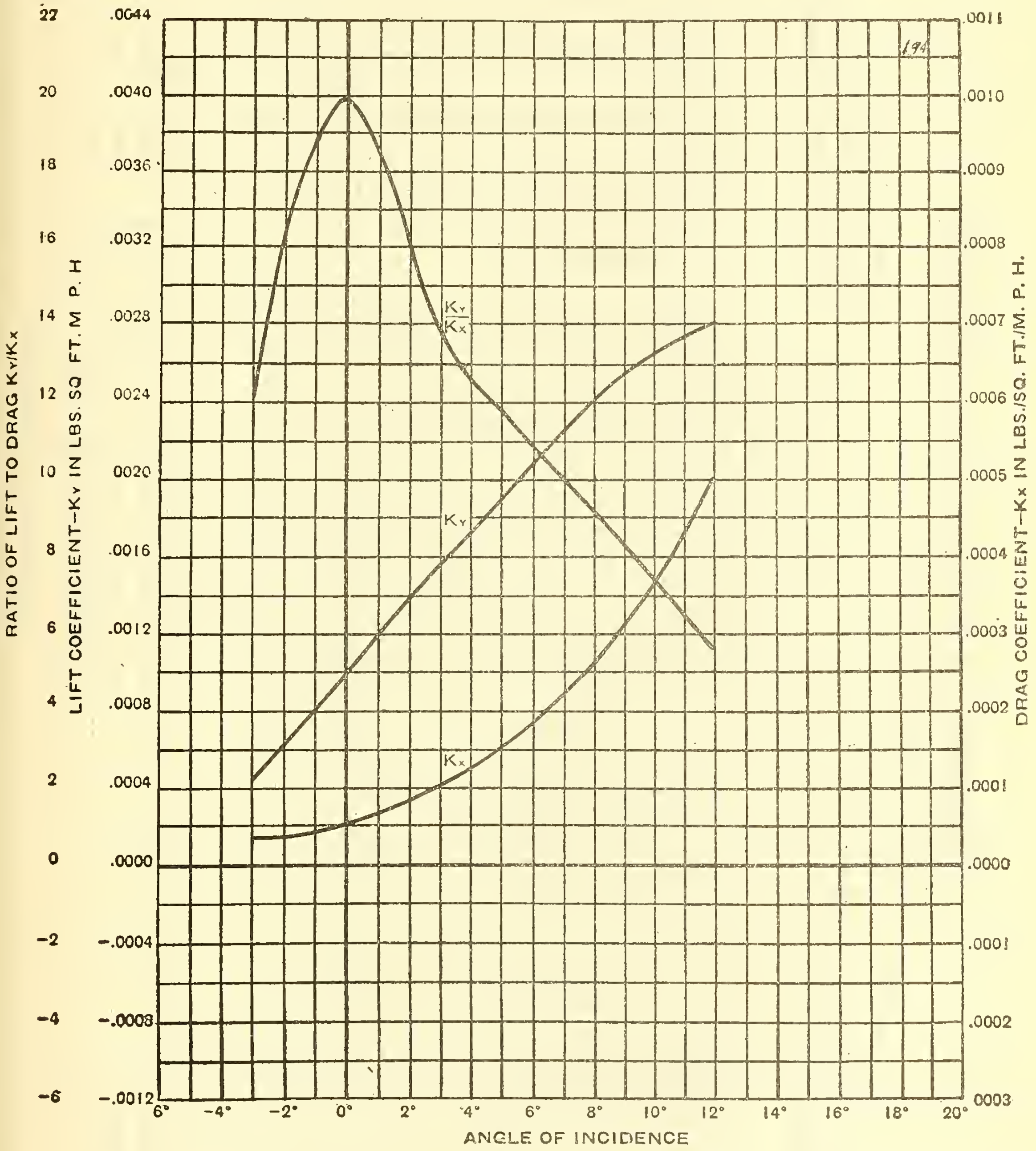


Distance from leading edge	0	.066	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.03	.0533	.0785	.0866	.0827	.0713	.068	.0559	.040	.0232	0
Lower camber	.03	0	.02	.033	.0393	.0413	.040	.036	.0268	.0153	0

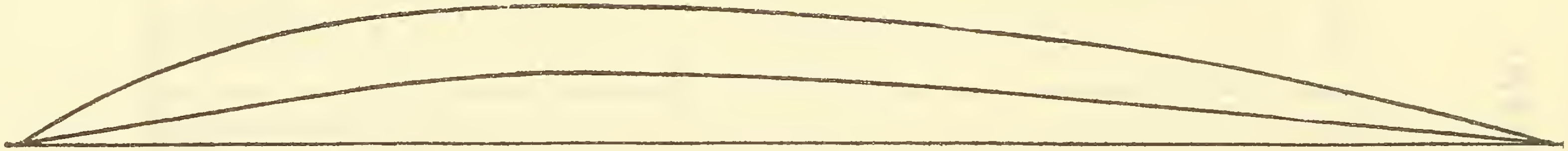
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 37 (KAUFFMAN).

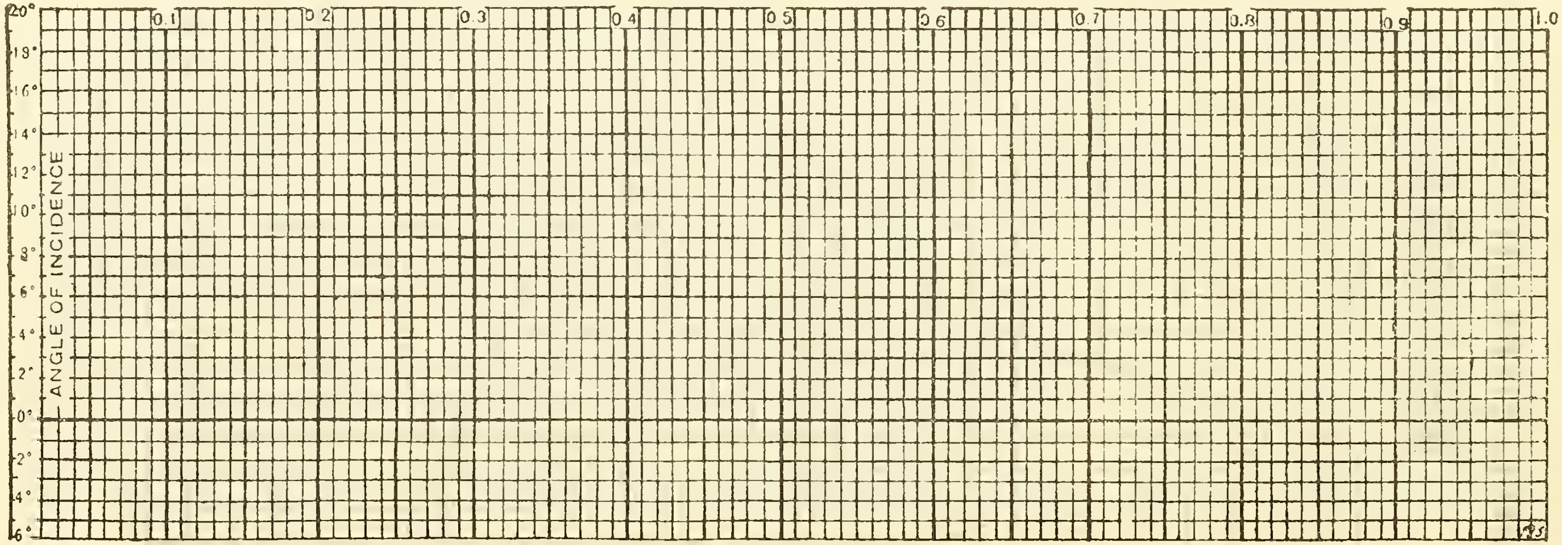
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 38 (COANDA).



CURVE OF CENTER OF PRESSURE TRAVEL

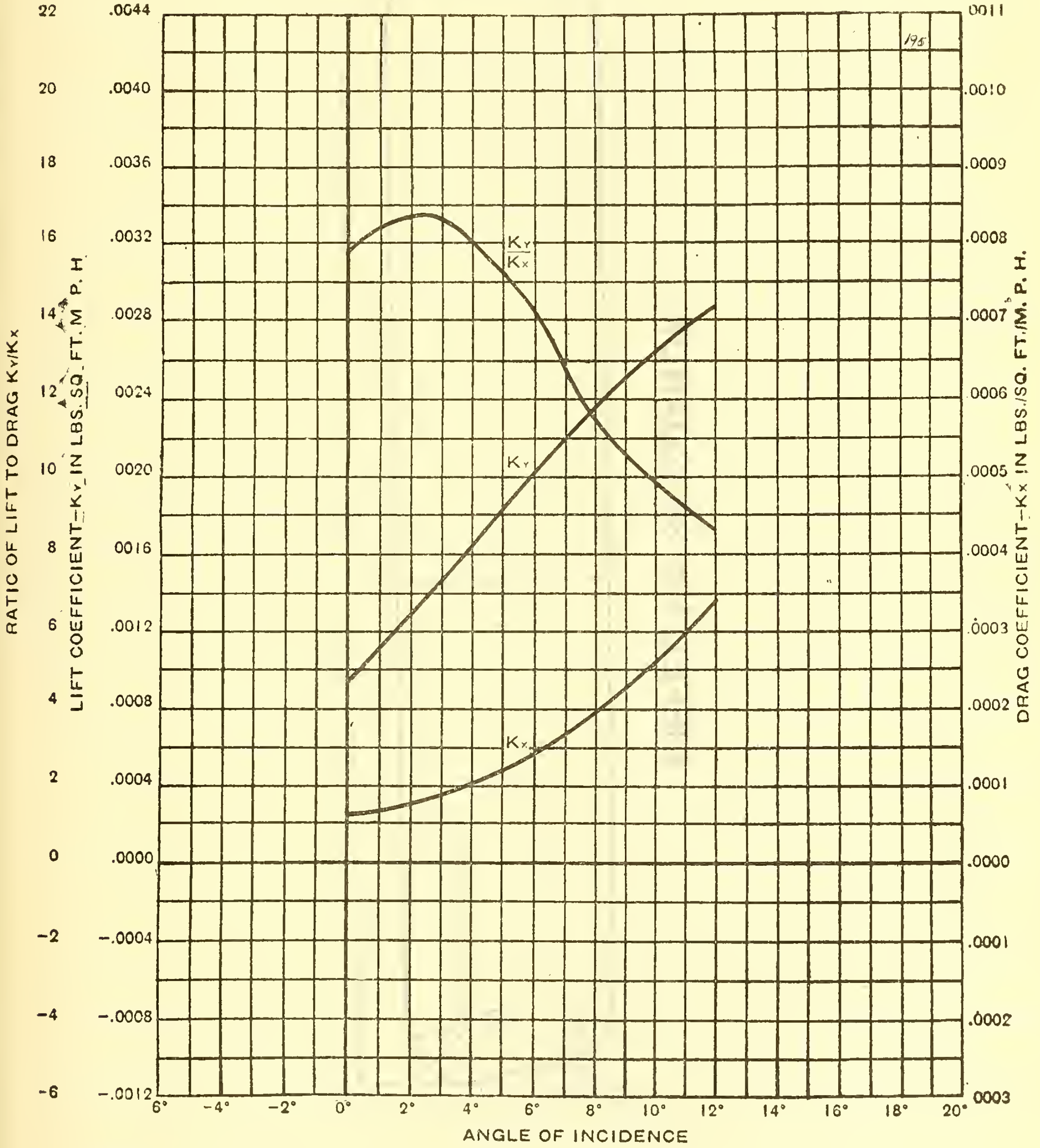


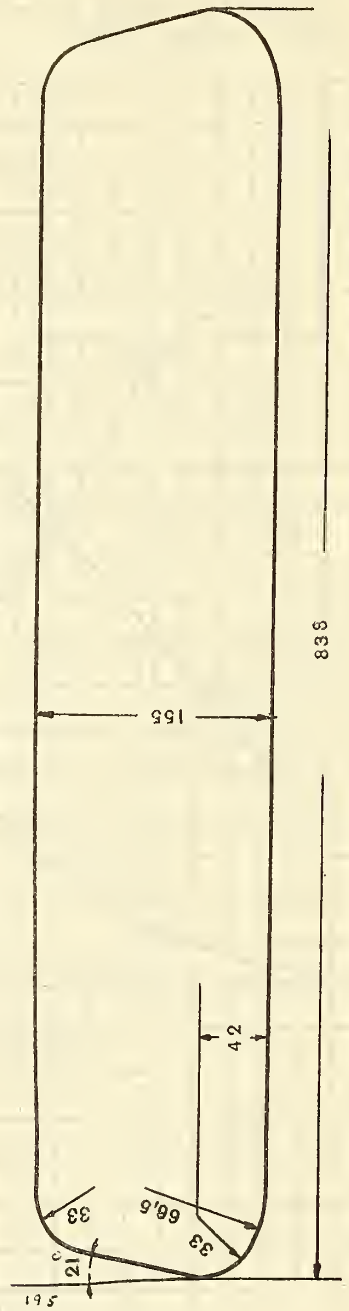
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.056	.0775	.087	.087	.0831	.0755	.0612	.0465	.029	0
Lower camber	0	.0123	.0321	.0432	.0451	.0413	.0347	.0226	.0161	.0097	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 38 (COANDA).

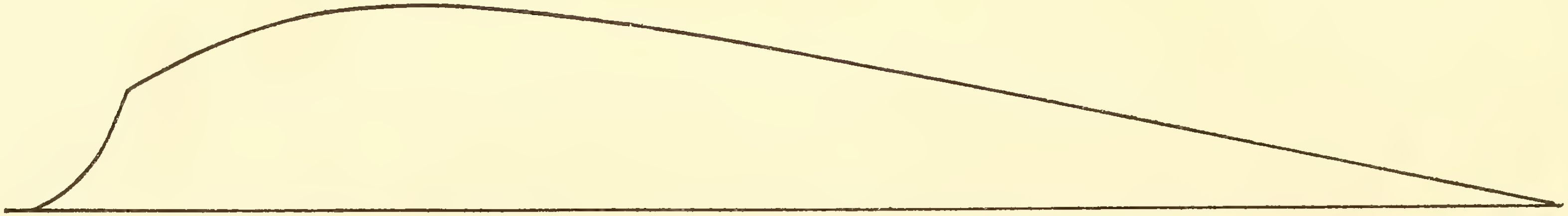
SIZE OF MODEL, 838 BY 155 MM.
VELOCITY OF WIND, 44.7 M. P. H.
WIND TUNNEL, EIFFEL.



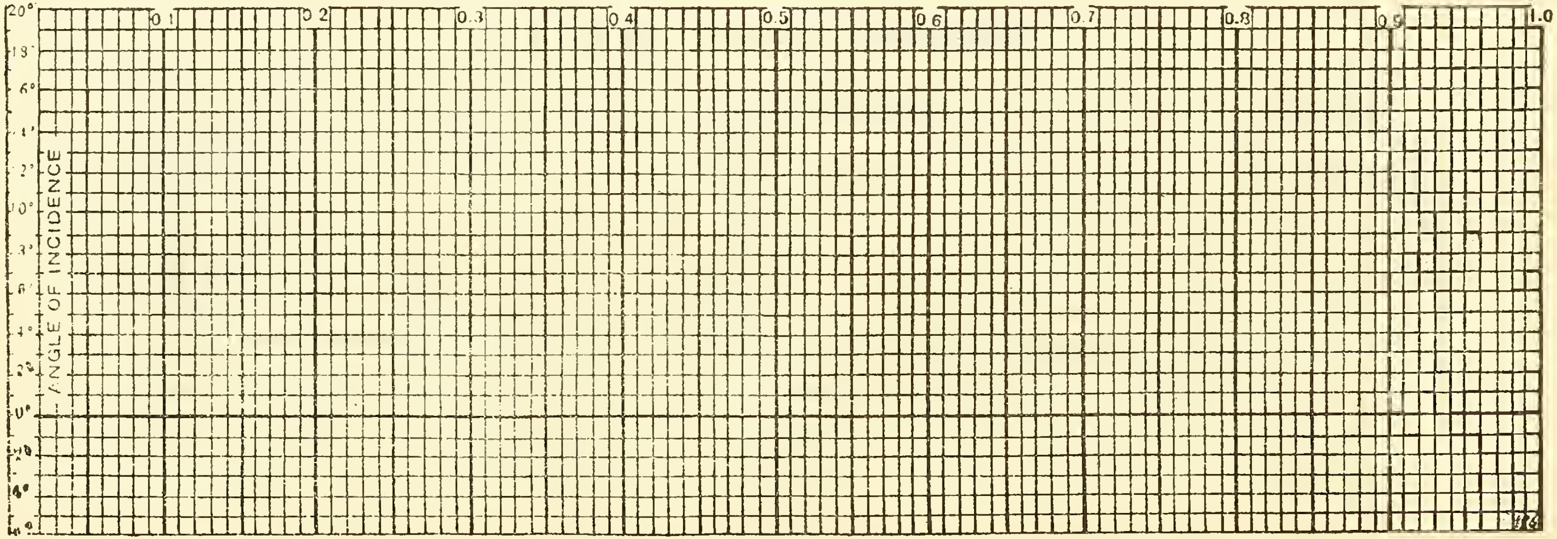


EIFFEL No. 38 (COANDA).

AEROFOIL, EIFFEL No. 39 (16B MODIFIED).



CURVE OF CENTER OF PRESSURE TRAVEL

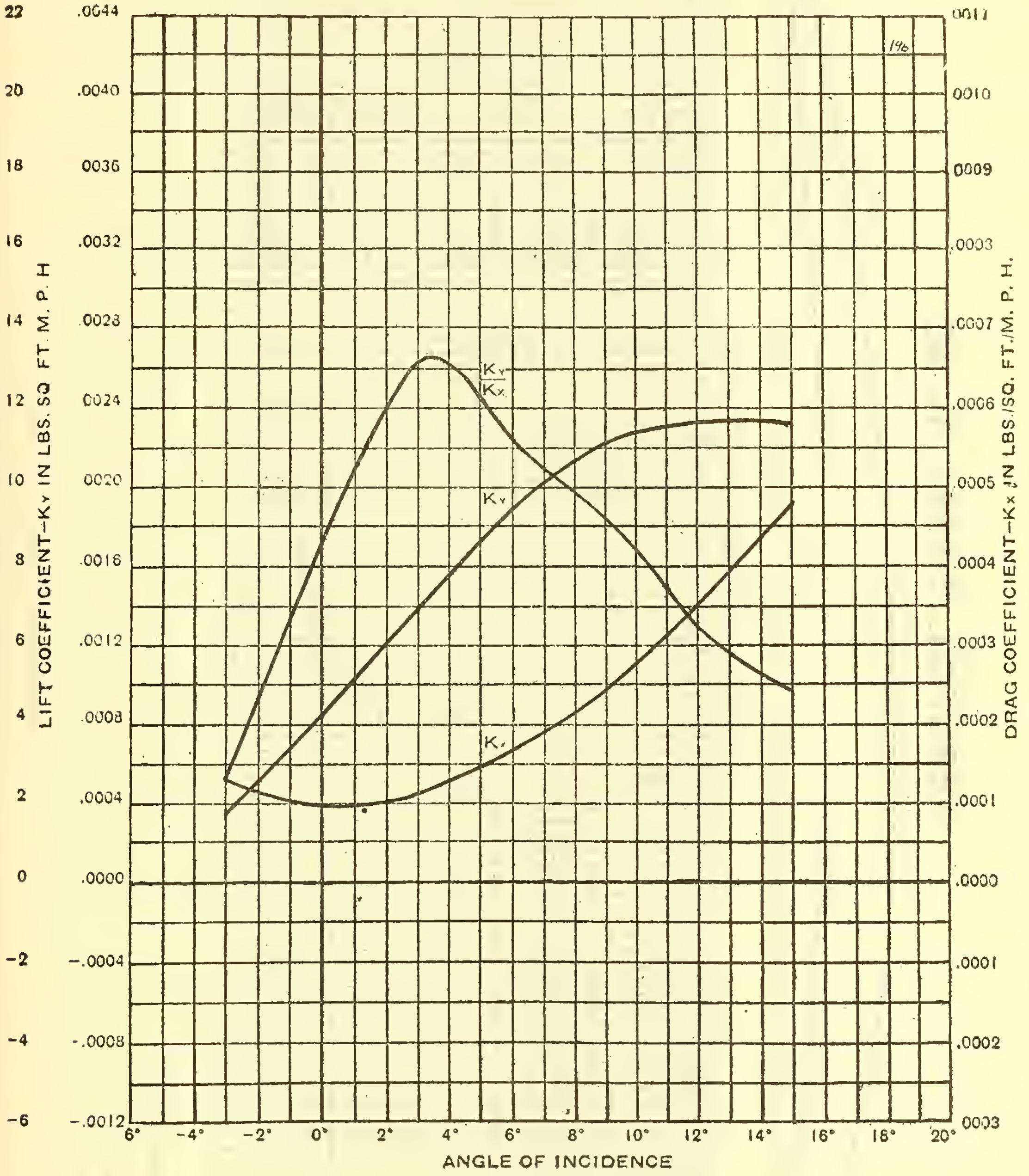


Distance from leading edge	0	.067	.20	.40	.60	.80	1.00
Upper camber	0	.08	.133	.120	.0846	.044	0
Lower camber	0	0	0	0	0	0	0

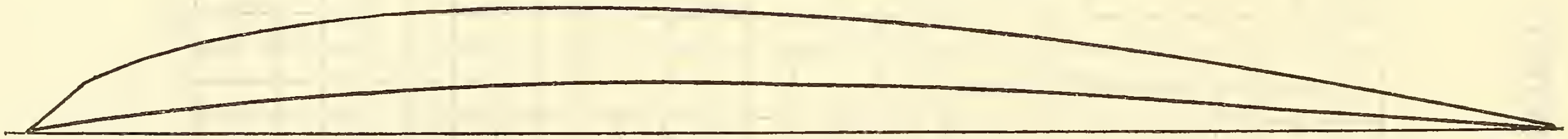
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 39 (16B MODIFIED).

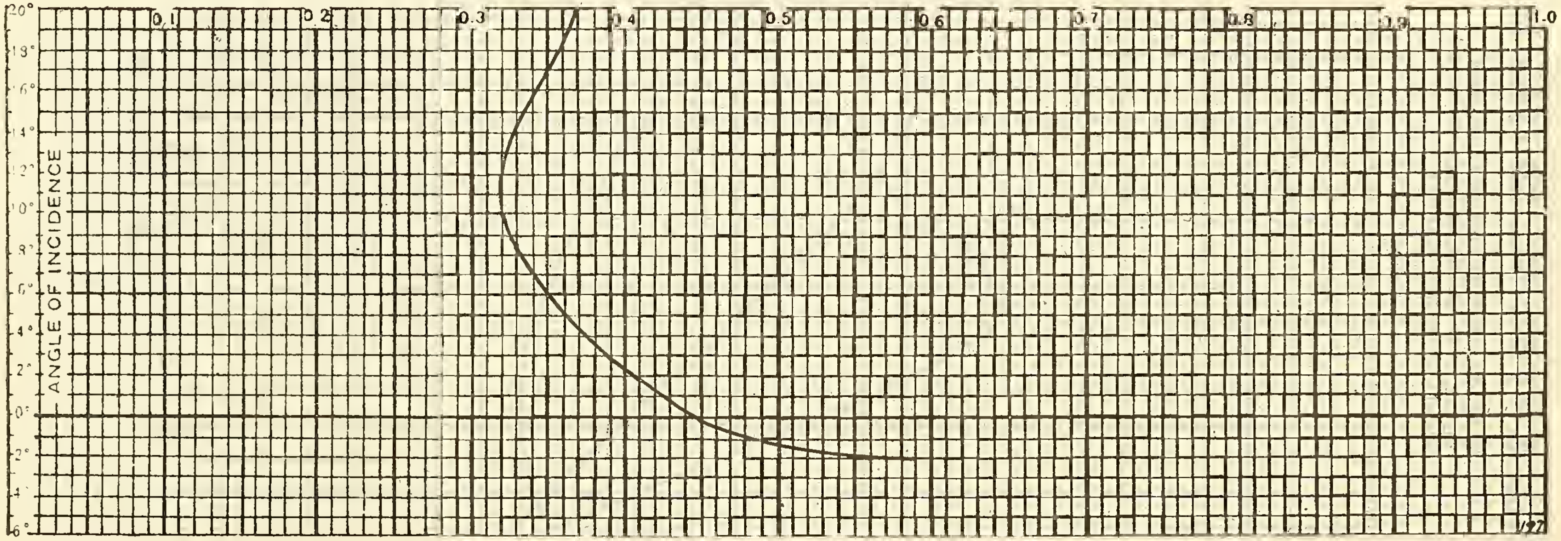
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 40.



CURVE OF CENTER OF PRESSURE TRAVEL

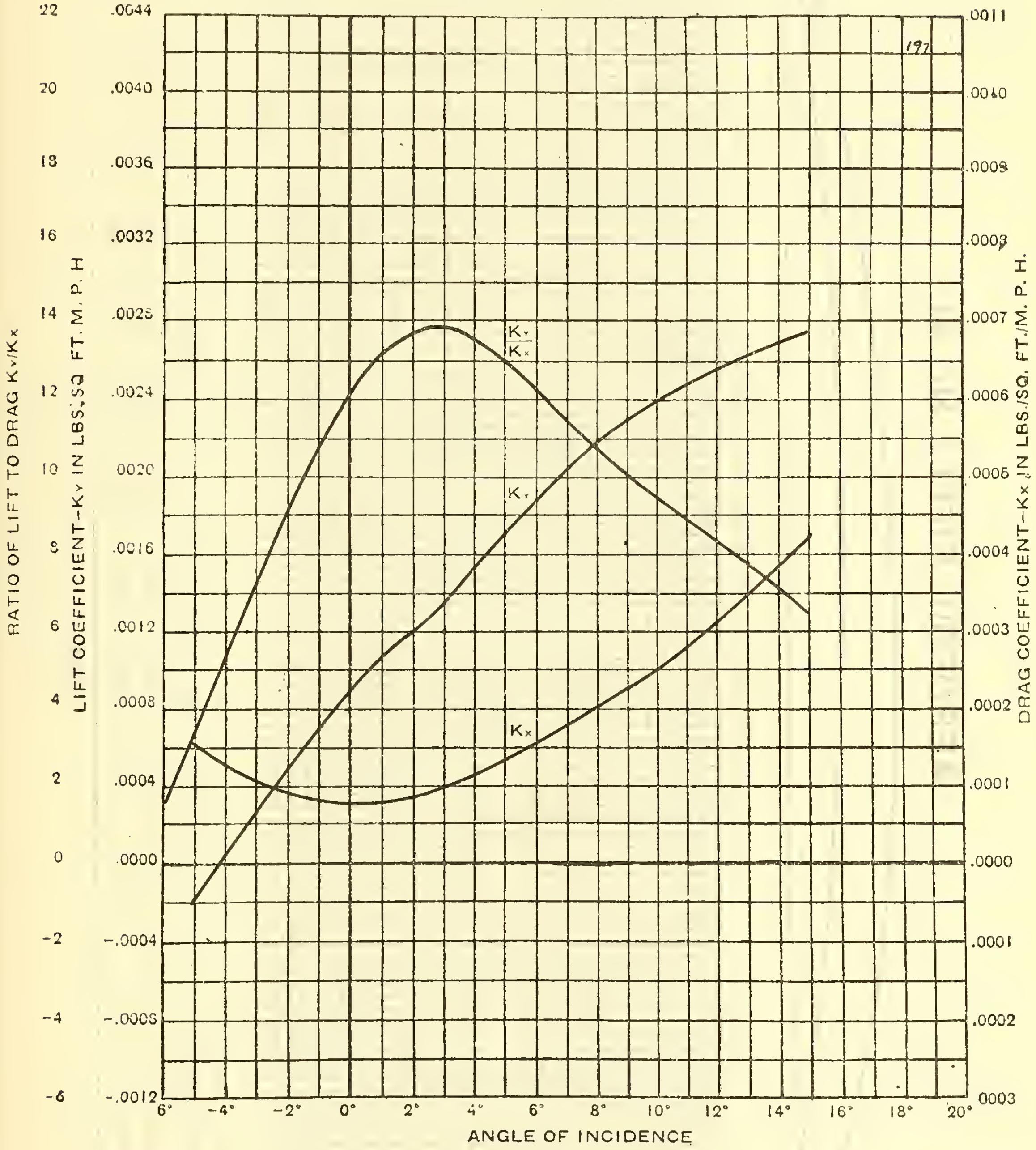


Distance from leading edge	0	.041	.22	.44	.66	.88	1.00
Upper camber	0	.035	.072	.0755	.061	.0294	0
Lower camber	0	....	.028	.0309	.0258	.00735	0

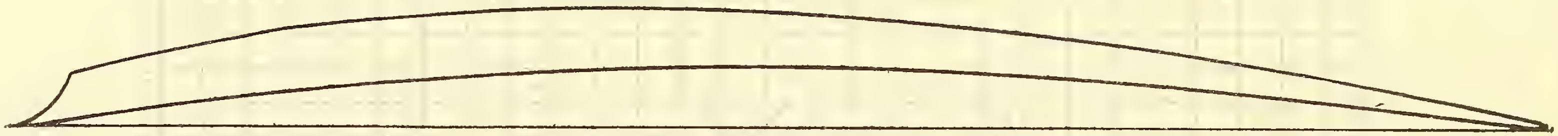
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 40.

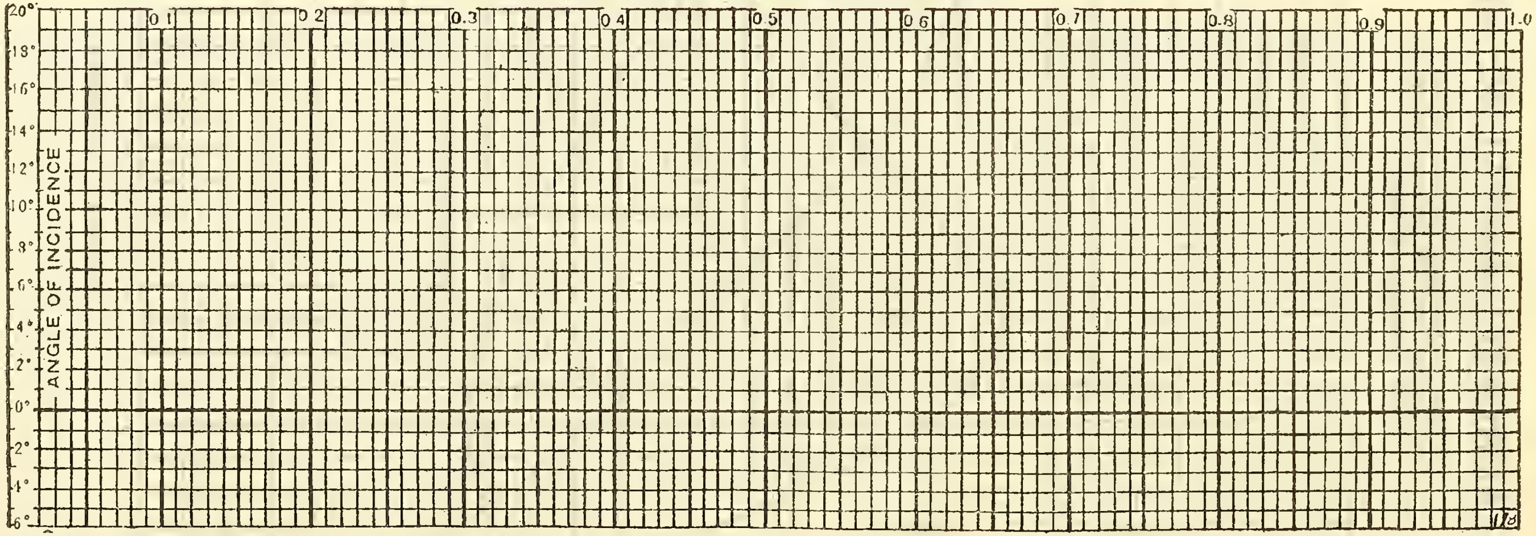
SIZE OF MODEL, 810 BY 135 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 41.



CURVE OF CENTER OF PRESSURE TRAVEL

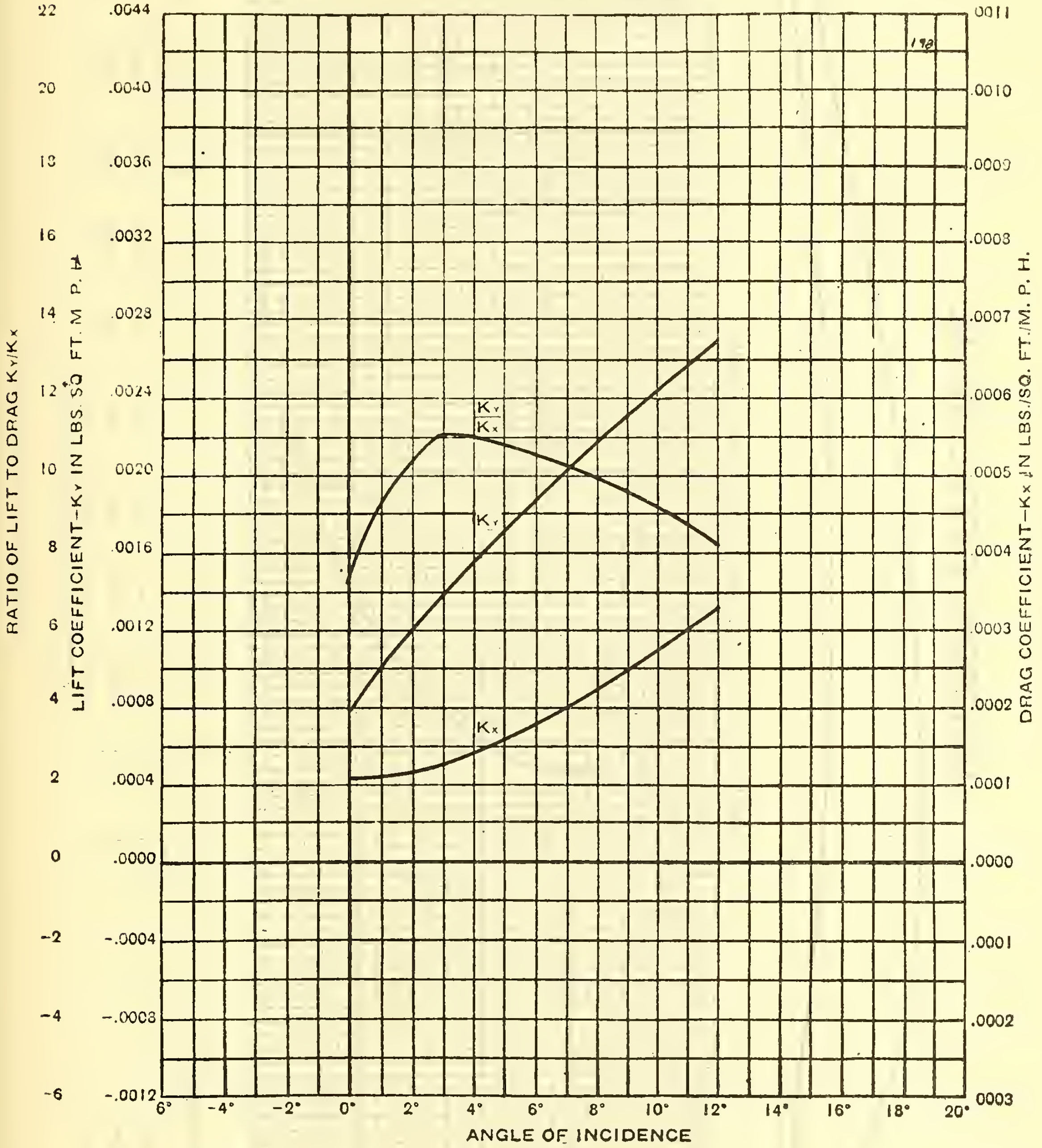


Distance from leading edge	0	.0268	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.033	.052	.0675	.0765	.0765	.0734	.0655	.0553	.0414	.0233	0
Lower camber	0	....	.0147	.026	.0368	.0368	.040	.0353	.030	.0213	.0106	0

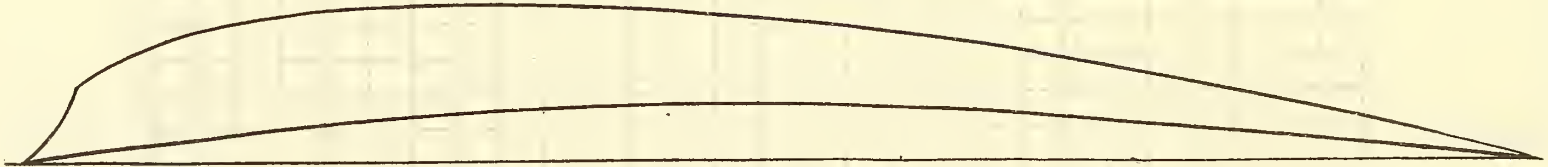
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 41.

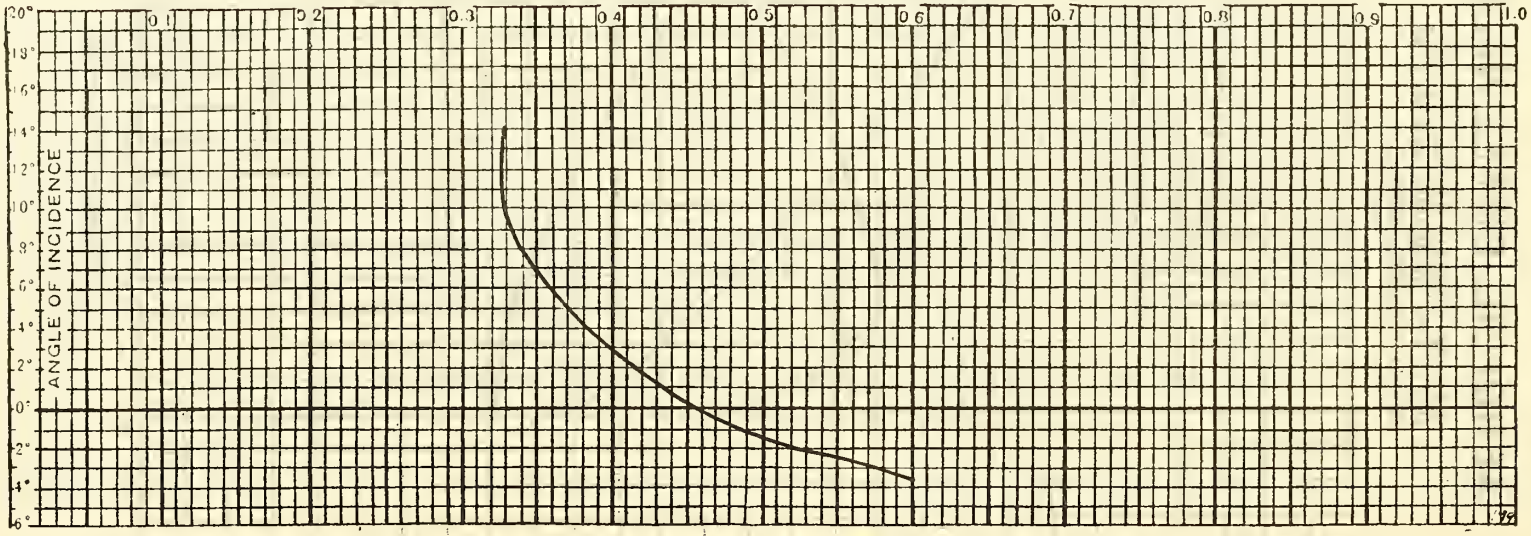
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 42.



CURVE OF CENTER OF PRESSURE TRAVEL

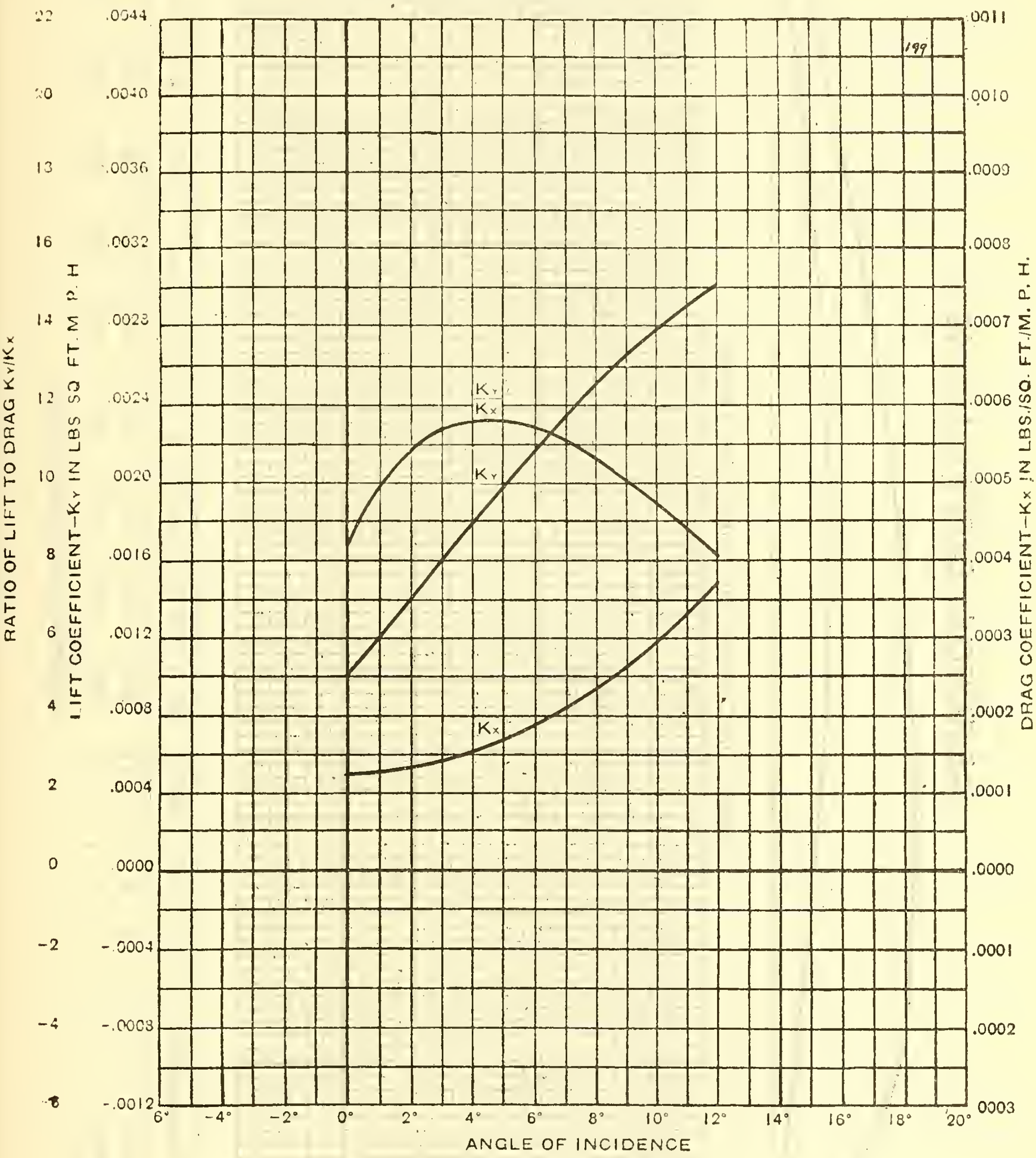


Distance from leading edge	0	.033	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.087	.109	.109	.104	.096	.0832	.068	.048	.029	0
Lower camber	0	....	.0167	.0292	.0367	.0388	.04	.0368	.0313	.0228	.013	0

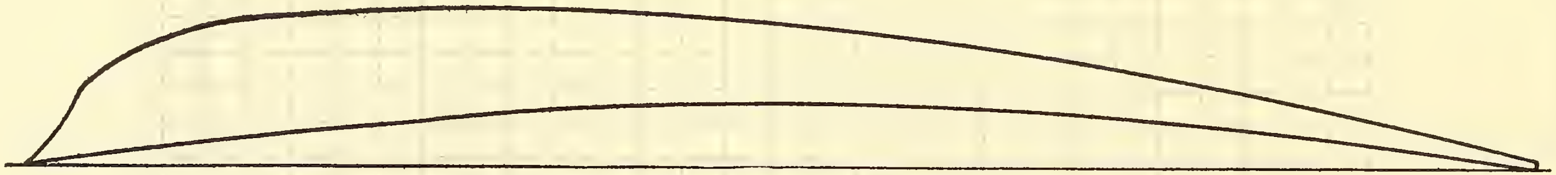
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 42.

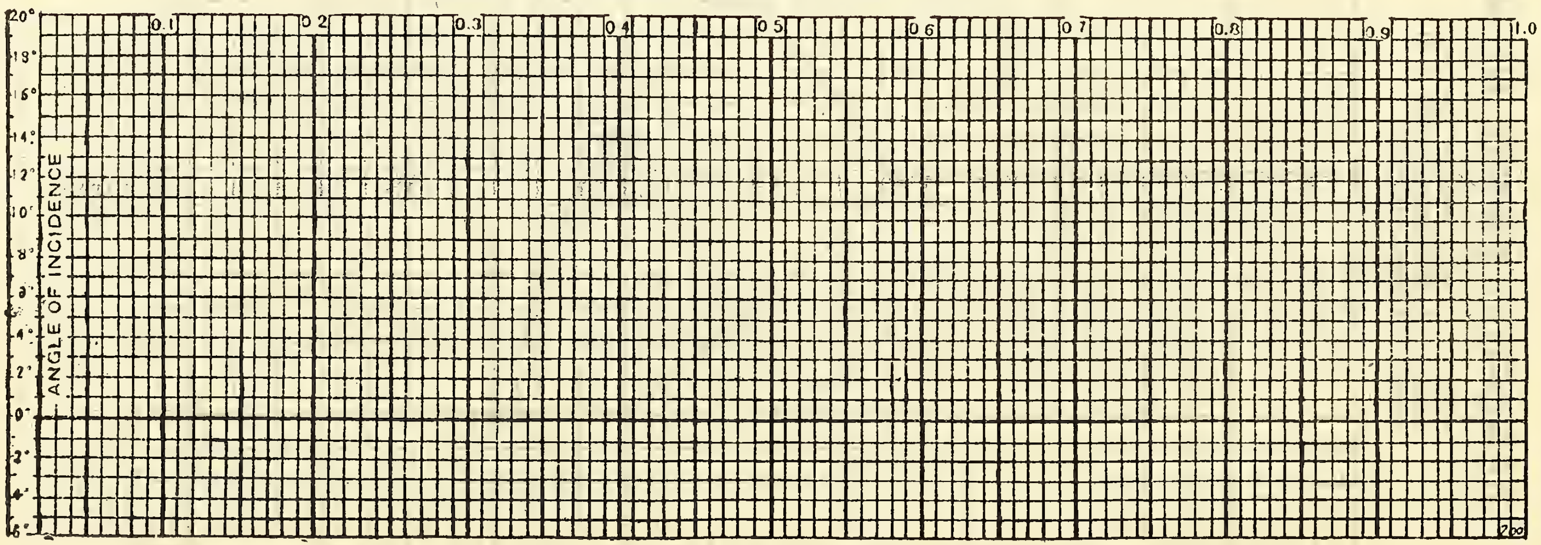
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 43.



CURVE OF CENTER OF PRESSURE TRAVEL

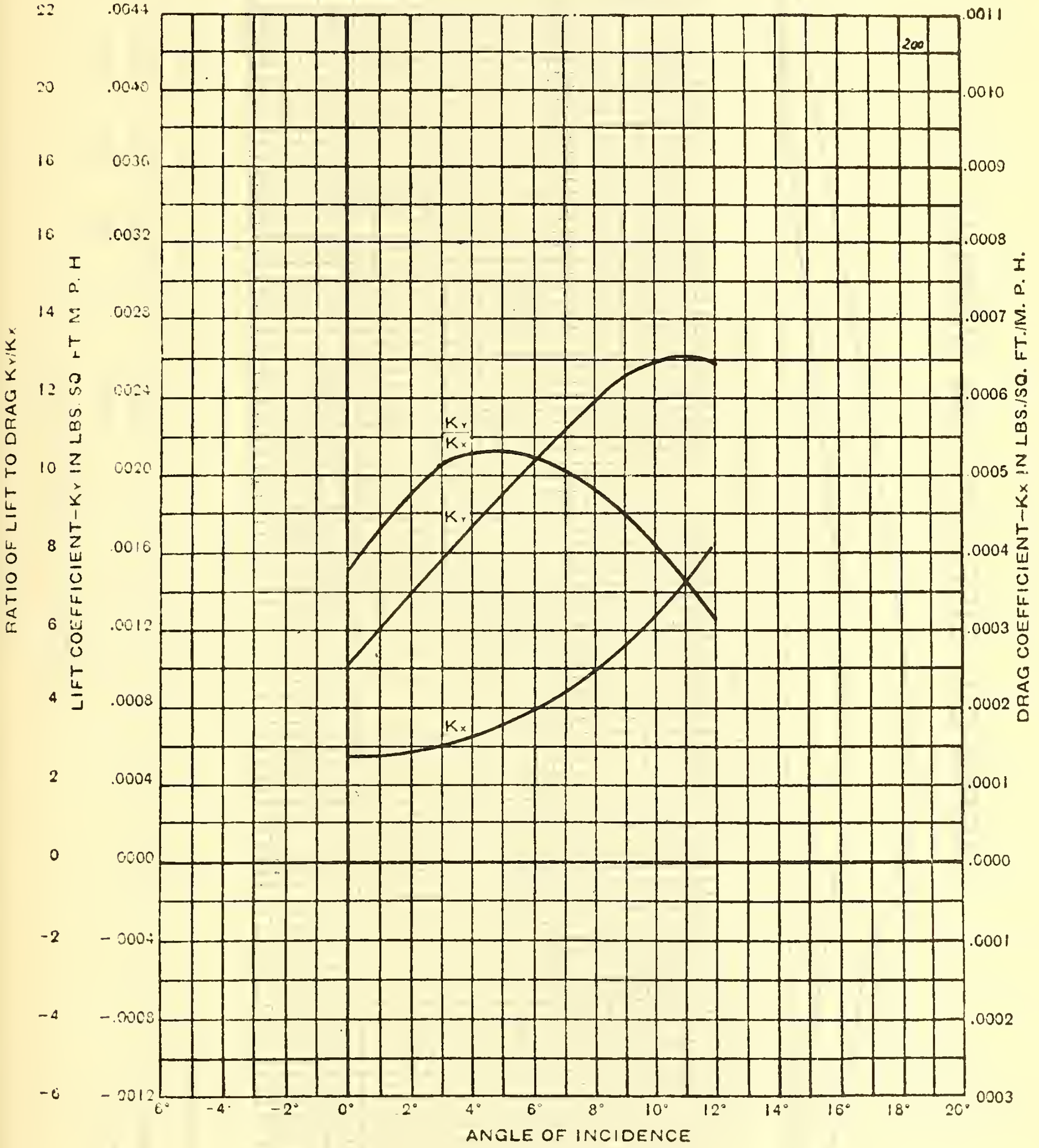


Distance from leading edge	0	.033	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.0865	.109	.109	.104	.096	.0832	.068	.048	.0294	0
Lower camber	0	....	.0166	.0294	.0368	.0388	.040	.0368	.0313	.0226	.0133	0

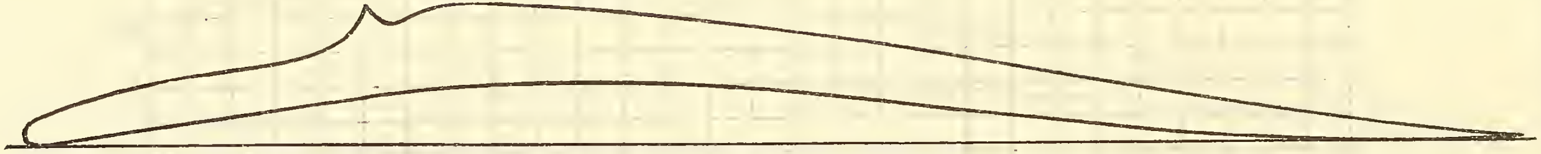
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 43.

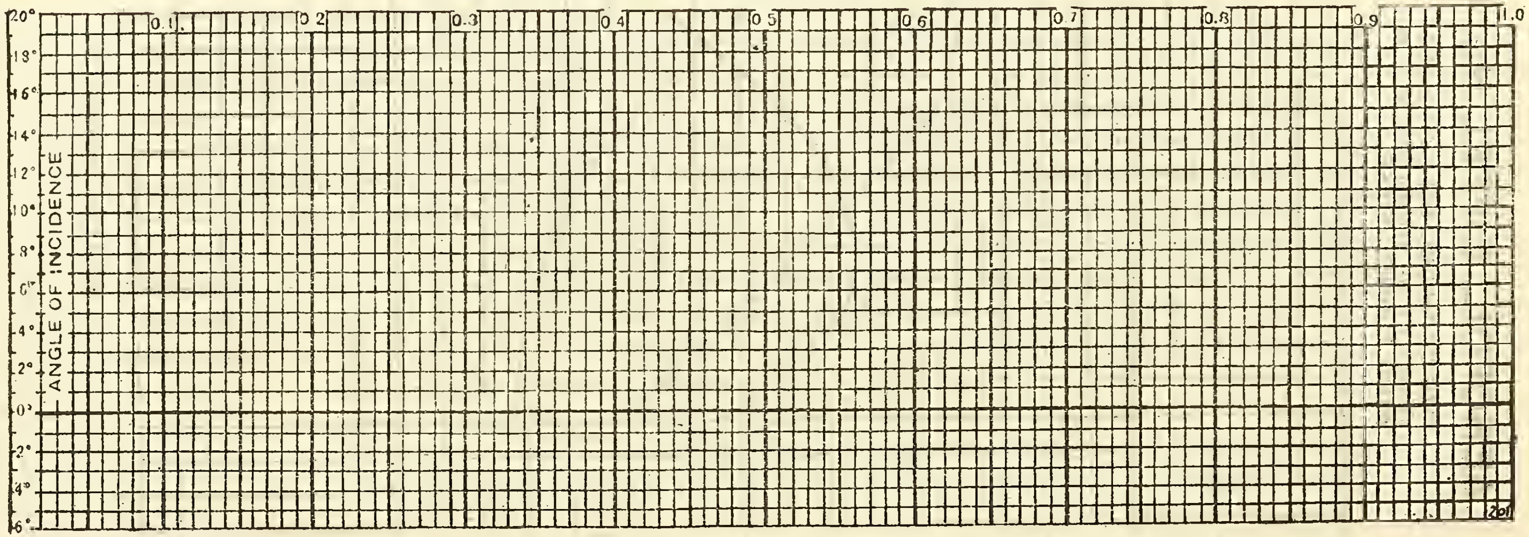
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 44 (VOISIN).



CURVE OF CENTER OF PRESSURE TRAVEL

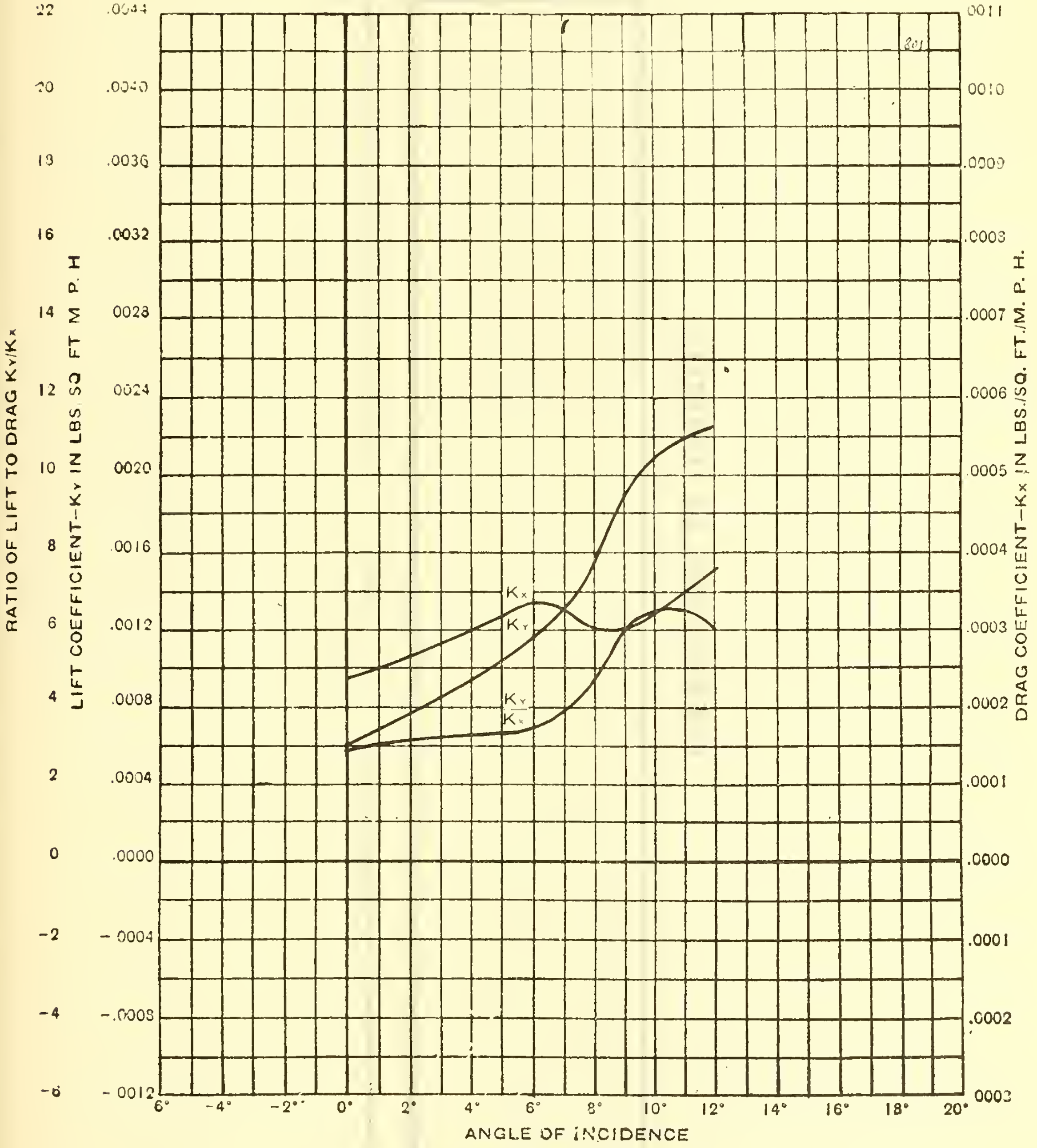


Distance from leading edge	0	.01	.172	.221	.344	.515	.685	.855	1.00
Upper camber	.01	....	.0543	.0945	.0895	.076	.0454	.0173	0
Lower camber	.01	0	.0229	....	.0405	.0331	.0167	.0034	0

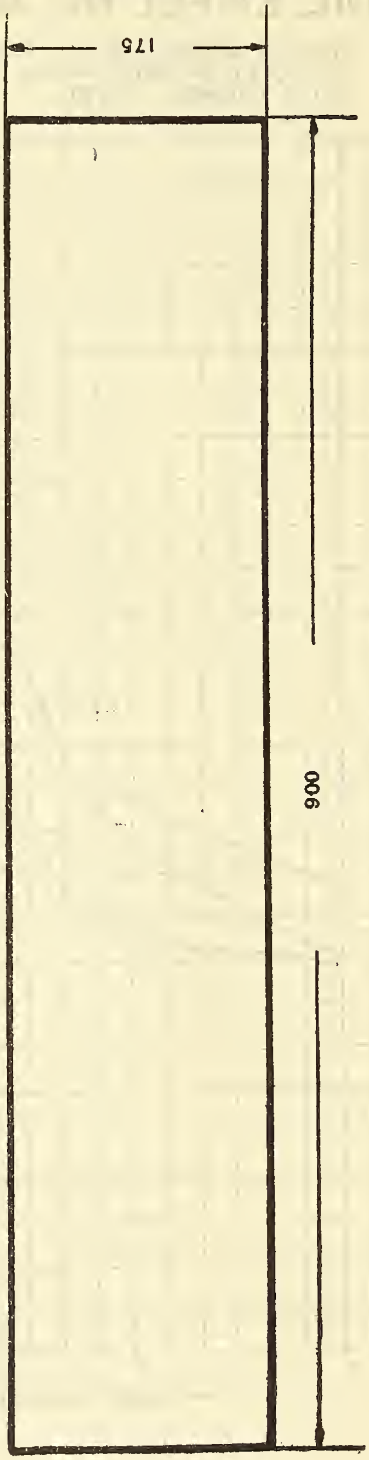
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 44 (VOISIN).

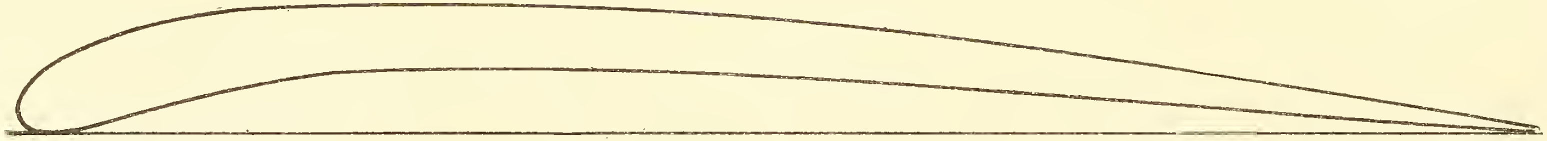
SIZE OF MODEL, 900 BY 175 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



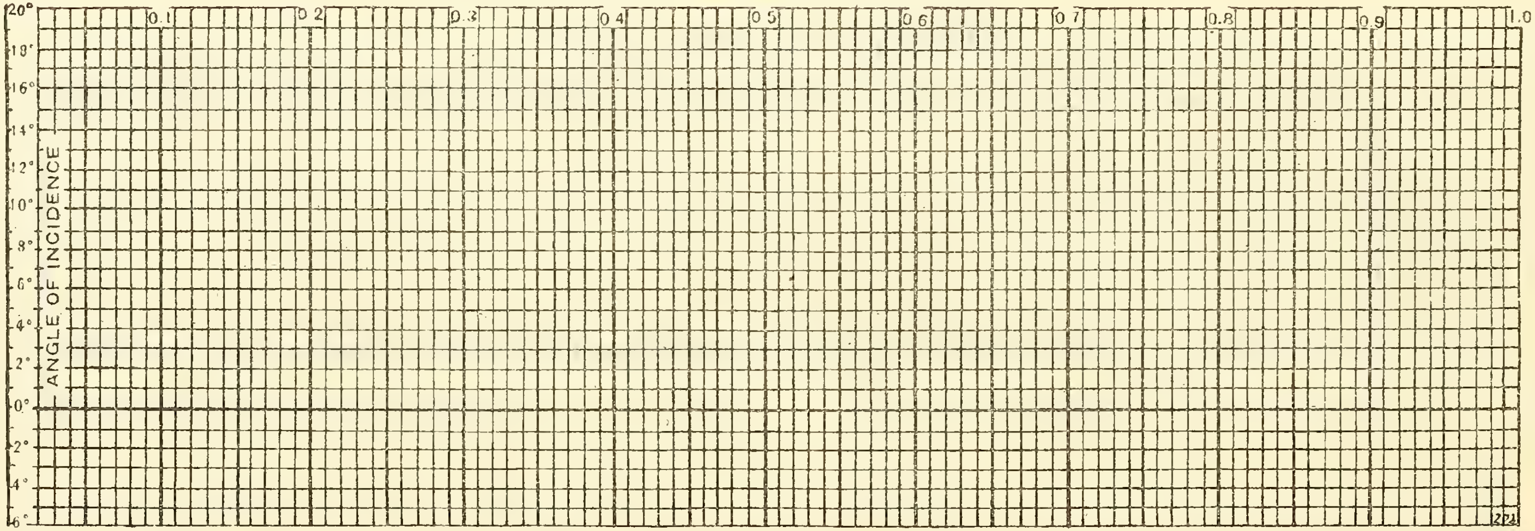
EIFFEL No. 44 (VOISIN).



AEROFOIL, EIFFEL No. 45 (BUCH).



CURVE OF CENTER OF PRESSURE TRAVEL

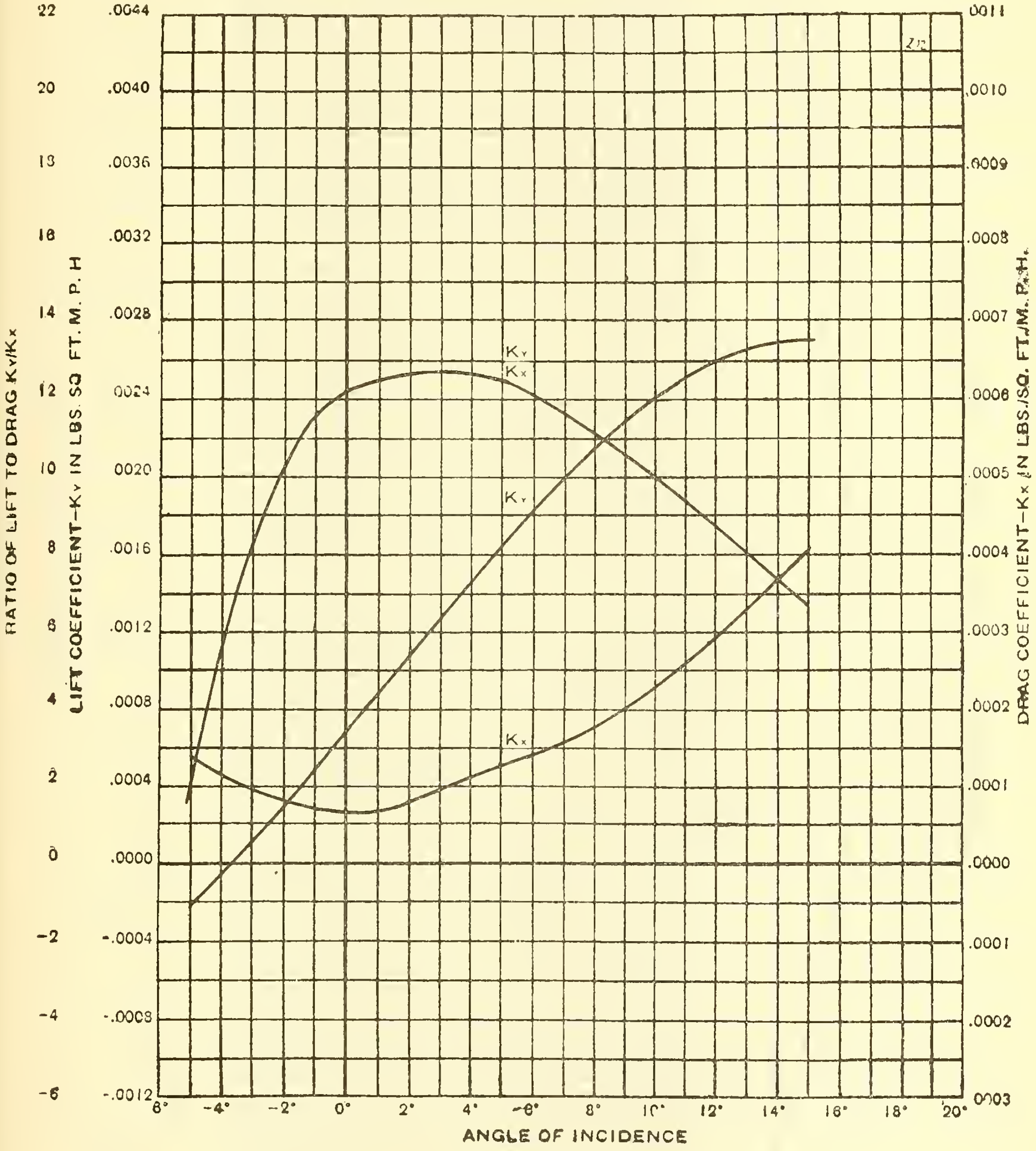


Distance from leading edge	0	.02	.10	.20	.30	.40	.50	.60	.70	.80	.93	1.00
Upper camber	.02	.0439	.0723	.0822	.086	.0805	.0723	.0615	.0493	.0371	.021	0
Lower camber	.02	0	.0128	.0419	.044	.0405	.0371	.0304	.0236	.0162	.0074	0

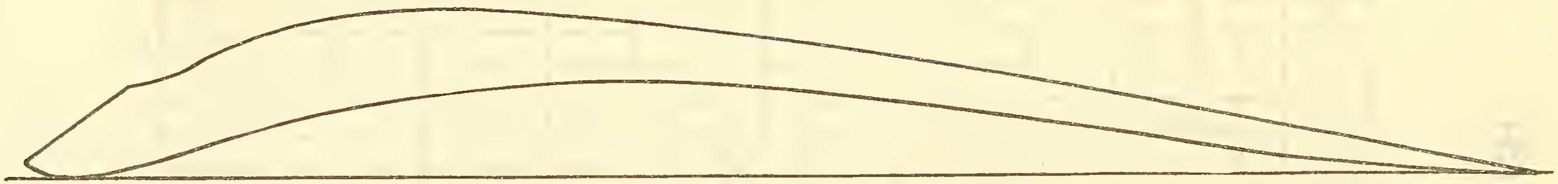
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 45 (BUCH).

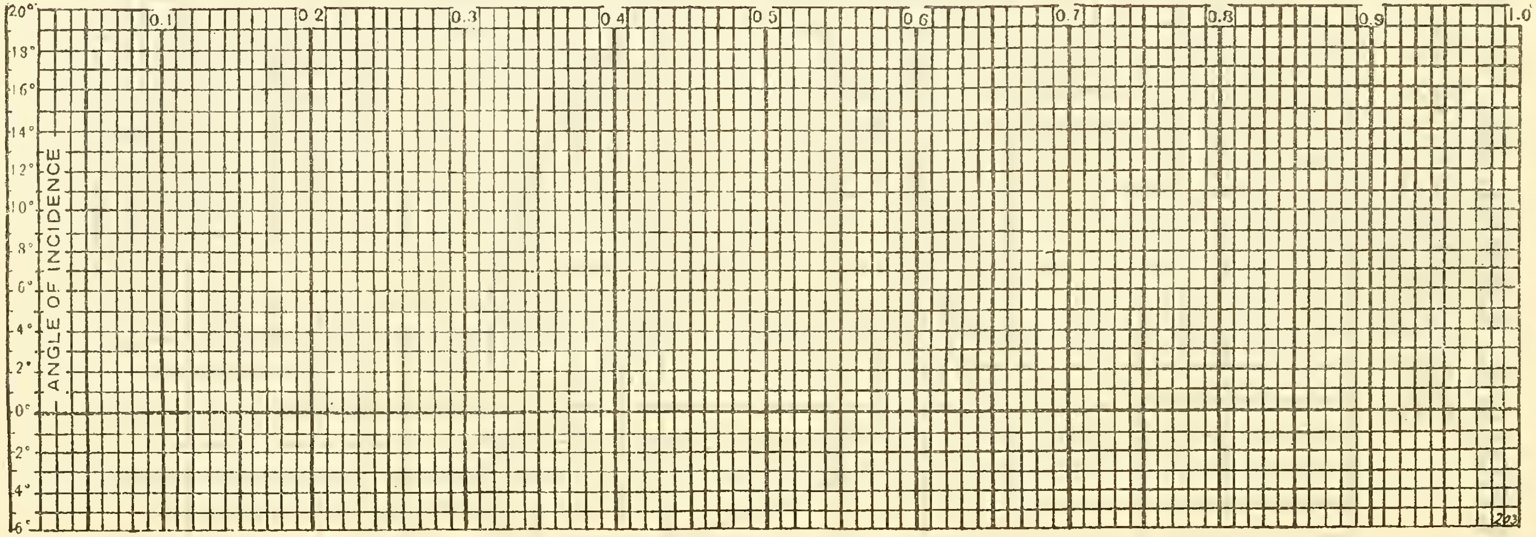
SIZE OF MODEL, 888 BY 148 MM.
VELOCITY OF WIND, 49.2 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 46 (BUCH).



CURVE OF CENTER OF PRESSURE TRAVEL

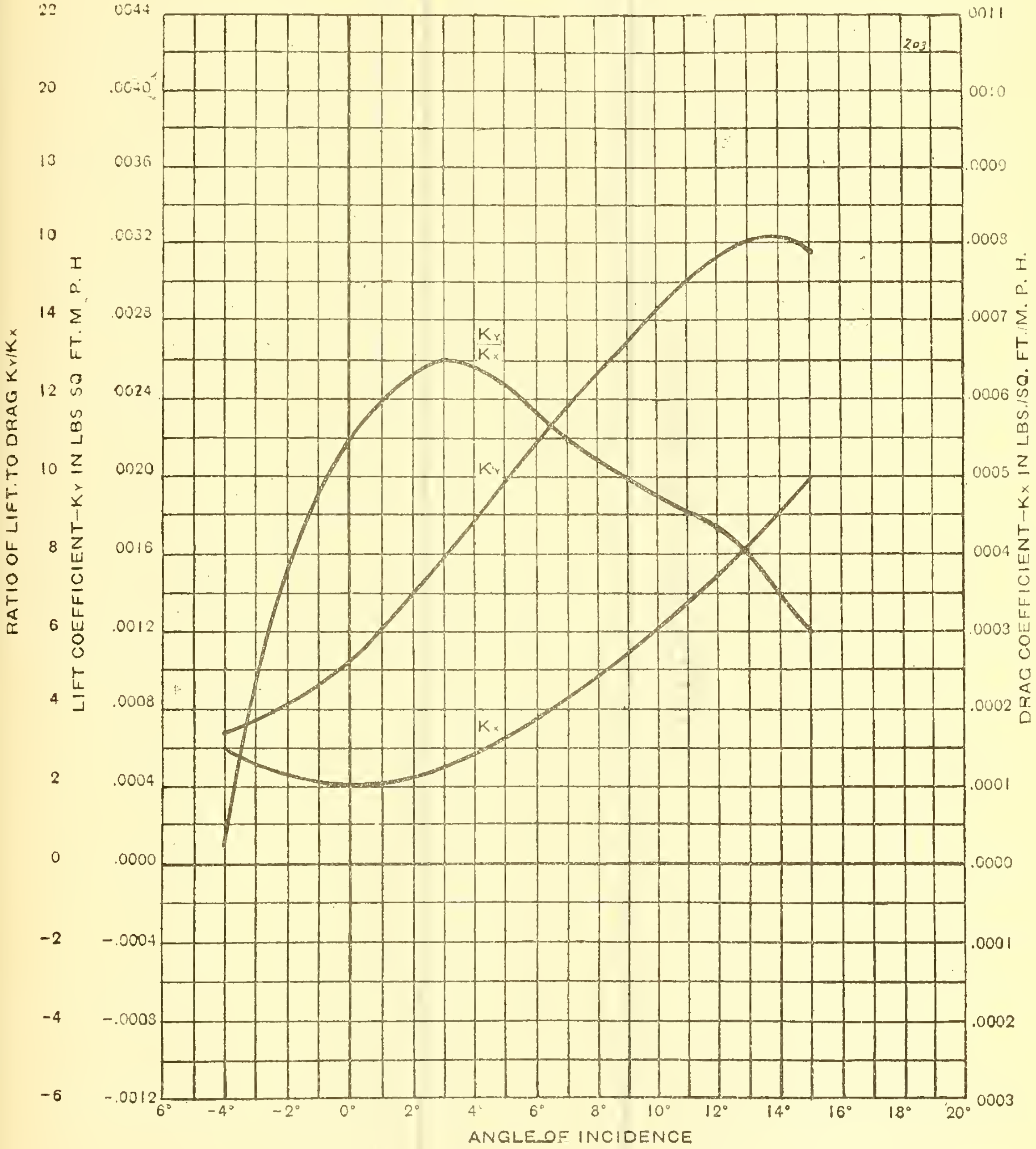


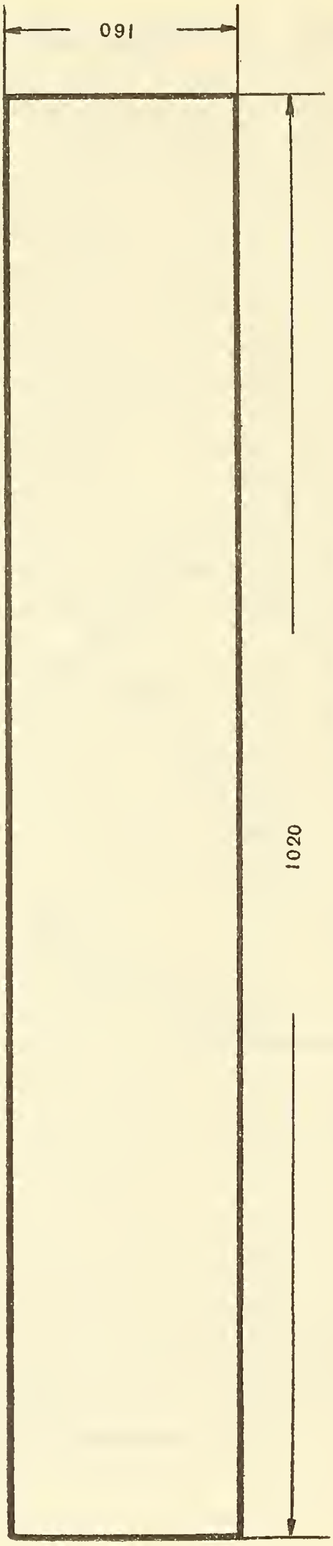
Distance from leading edge	0	.025	.0655	.094	.187	.28	.375	.47	.562	.66	.75	.875	1.00
Upper camber	.0125	....	.0625	.067	.105	.1105	.104	.097	.085	.0655	.0487	.0206	0
Lower camber	.0125	0	....	.0175	.0436	.0595	.0637	.0625	.053	.0405	.025	.0081	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 46 (BUCH).

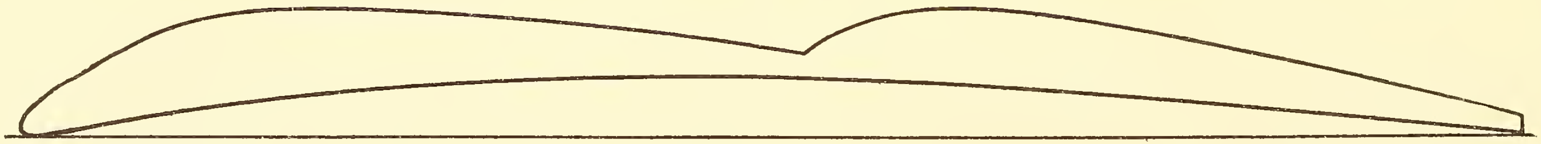
SIZE OF MODEL, 1,020 BY 160 MM.
VELOCITY OF WIND, 62.6 M. P. H.
WIND TUNNEL, EIFFEL.



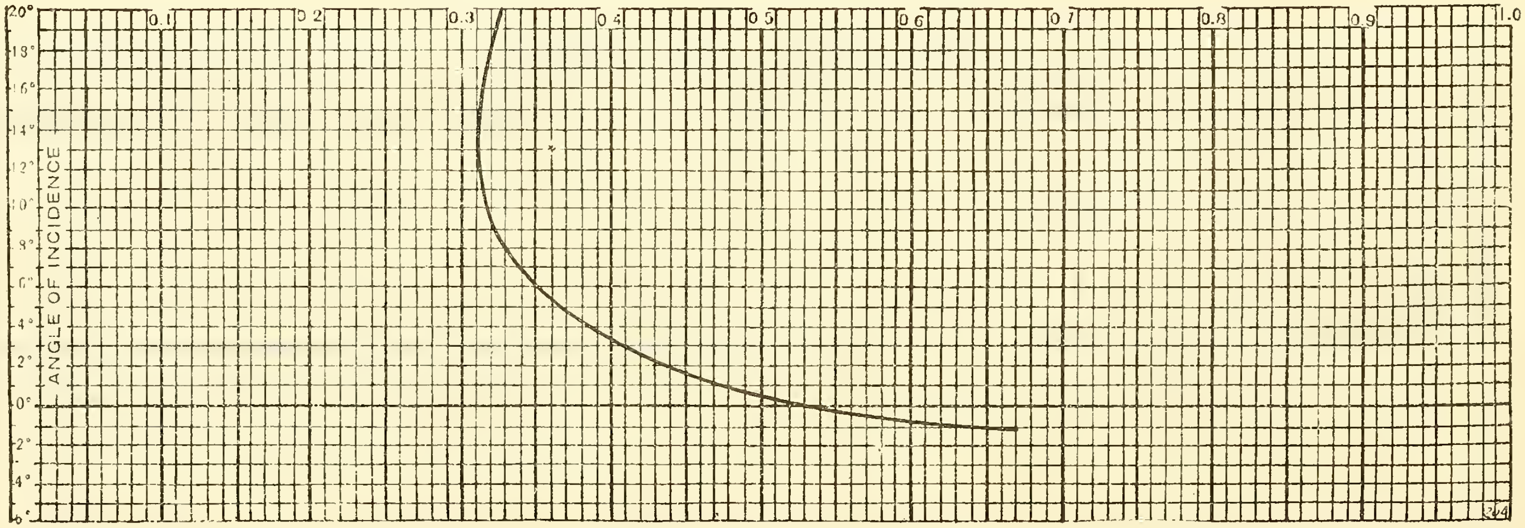


EIFFEL No. 46 (BUCH).

AEROFOIL, EIFFEL No. 47 (HOWARD-WRIGHT).



CURVE OF CENTER OF PRESSURE TRAVEL

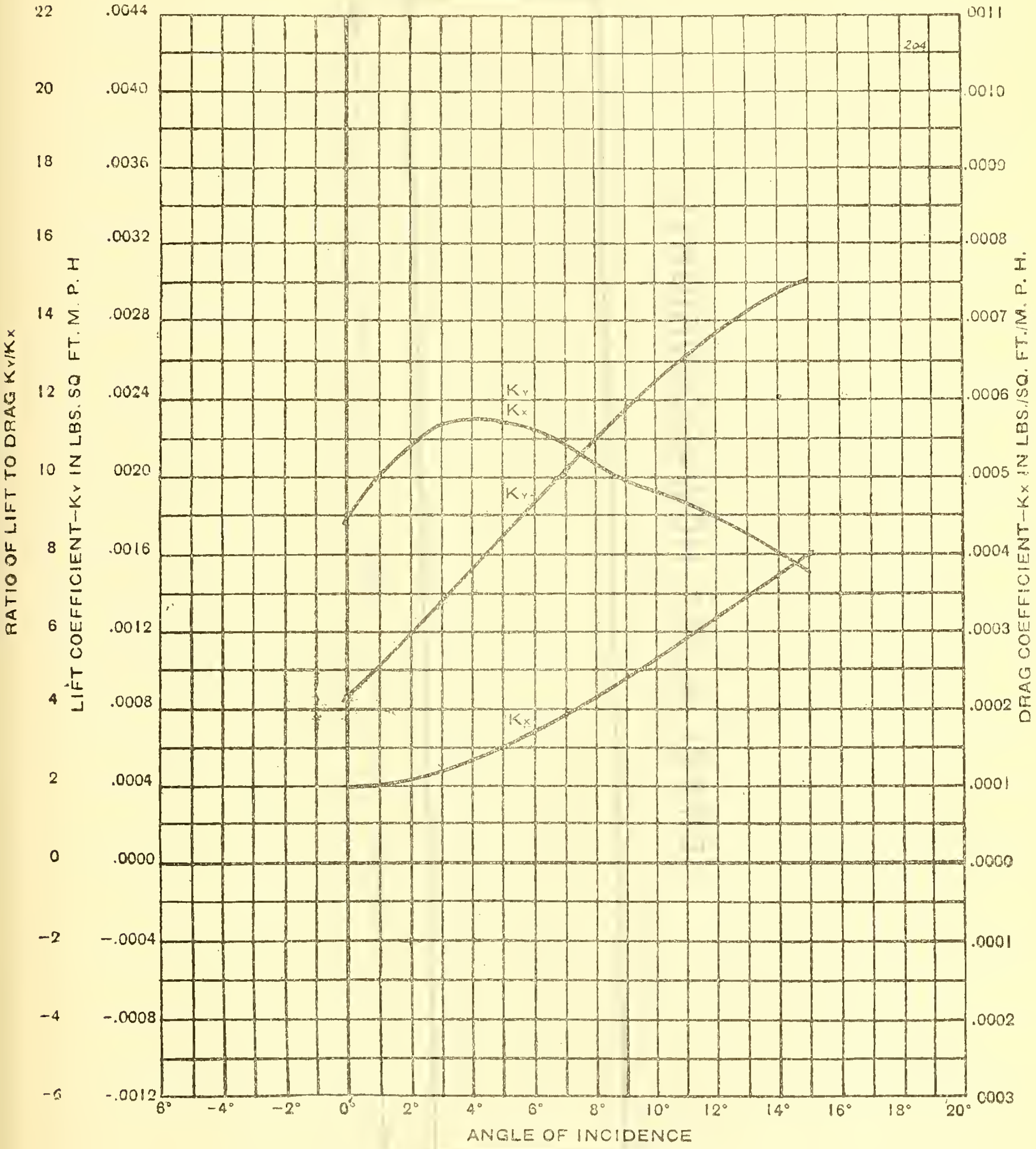


Distance from leading edge	0	.10	.20	.30	.40	.52	.60	.70	.80	.90	1.00
Upper camber	0	.0713	.087	.083	.0746	.059	.0894	.0794	.058	.0388	.012
Lower camber	0	.016	.028	.0333	.0388	.04	.0373	.0314	.0213	.012	0

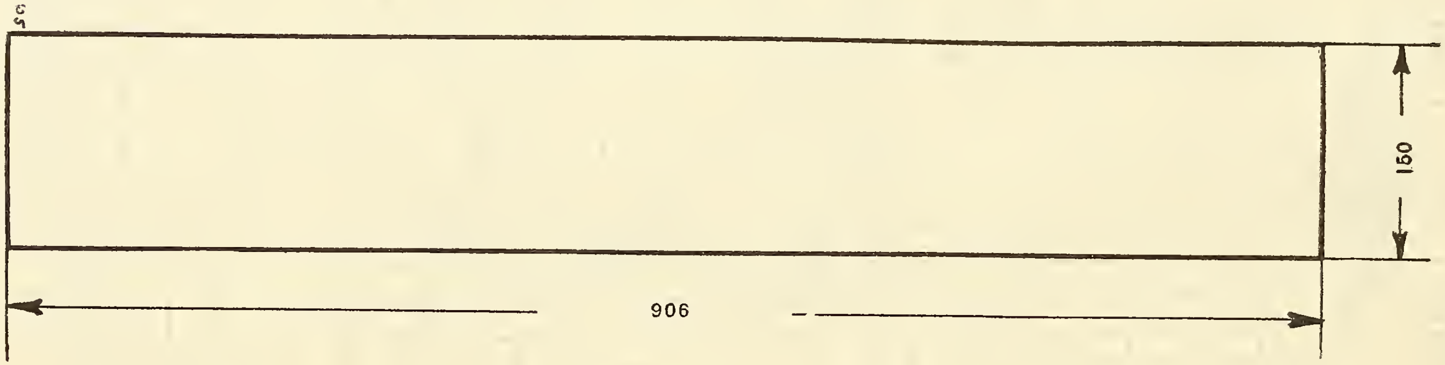
All dimensions given as decimal parts of chord.

AEROFOIL EIFFEL No. 47 (HOWARD-WRIGHT).

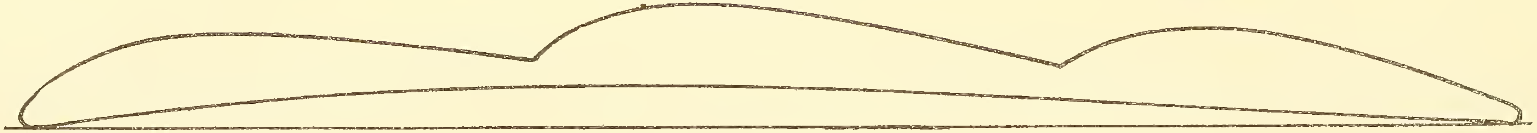
SIZE OF MODEL, 906 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



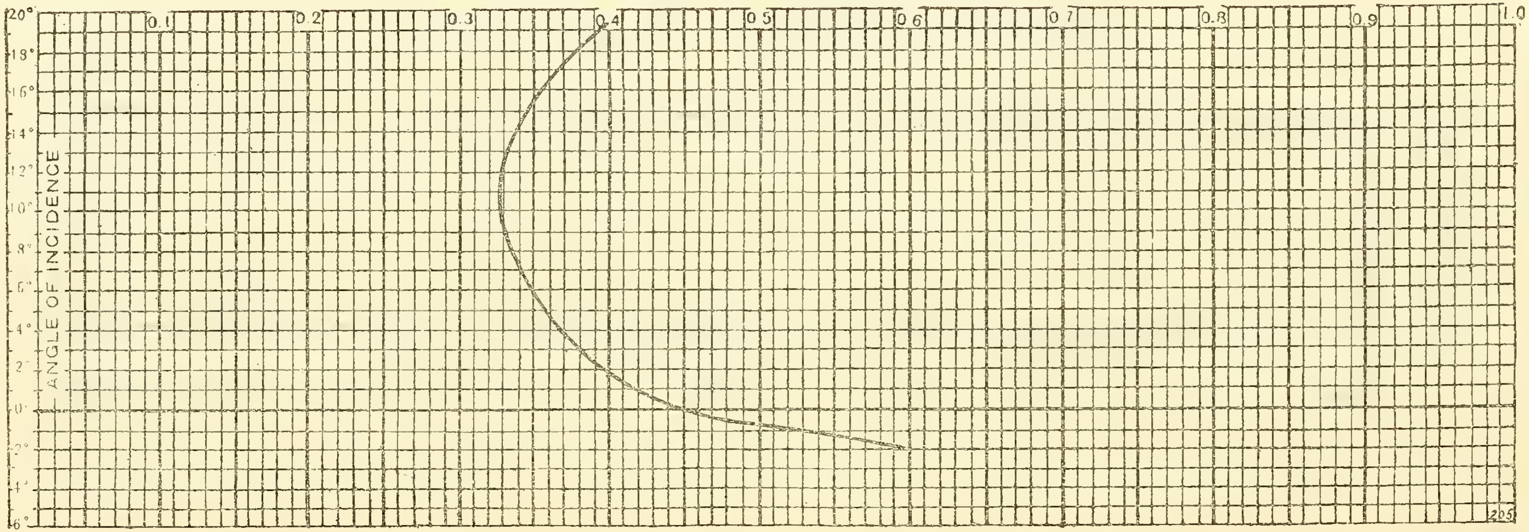
EIFFEL No. 47 (HOWARD-WRIGHT).



AEROFOIL, EIFFEL No. 48 (HOWARD-WRIGHT).



CURVE OF CENTER OF PRESSURE TRAVEL

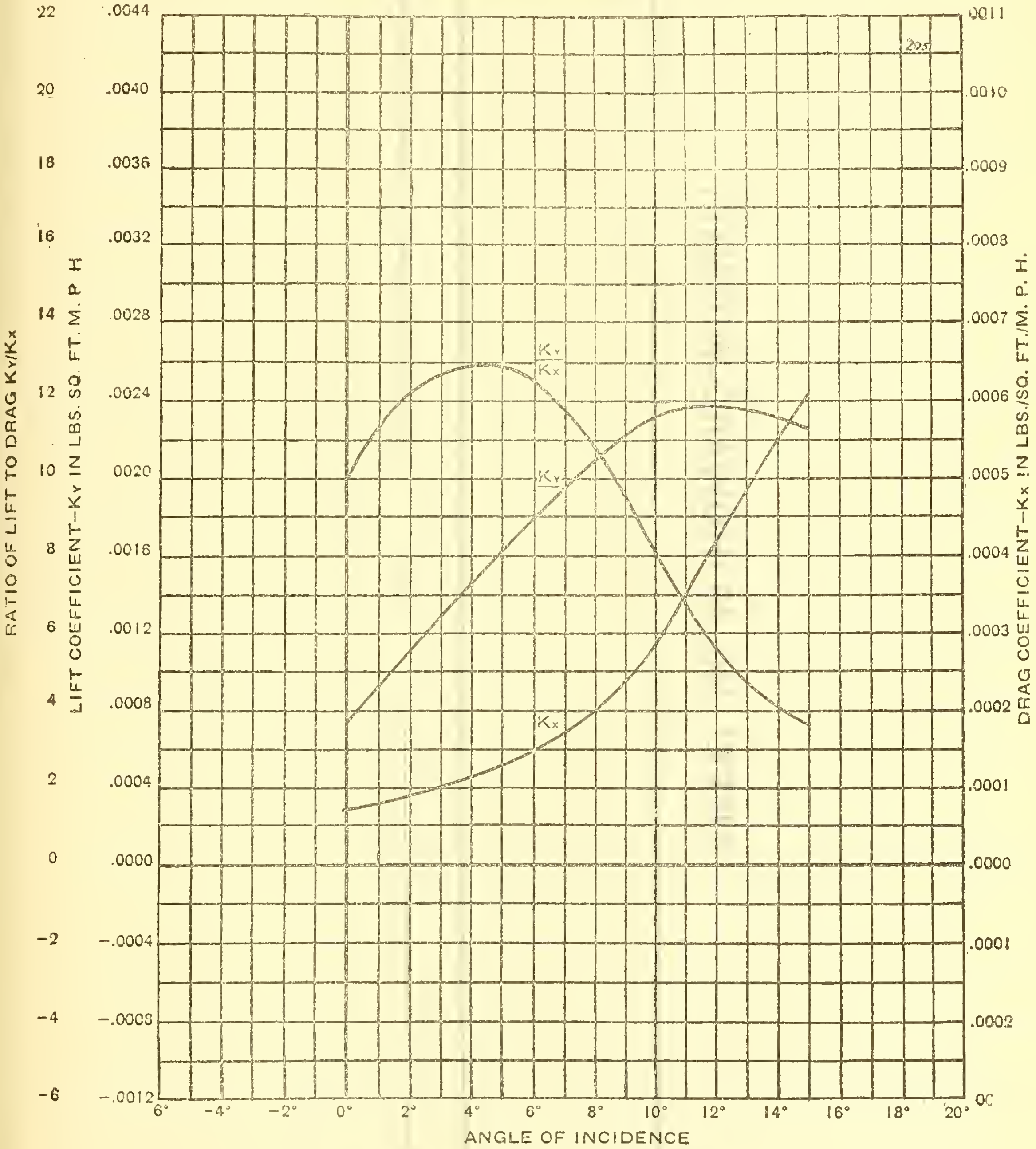


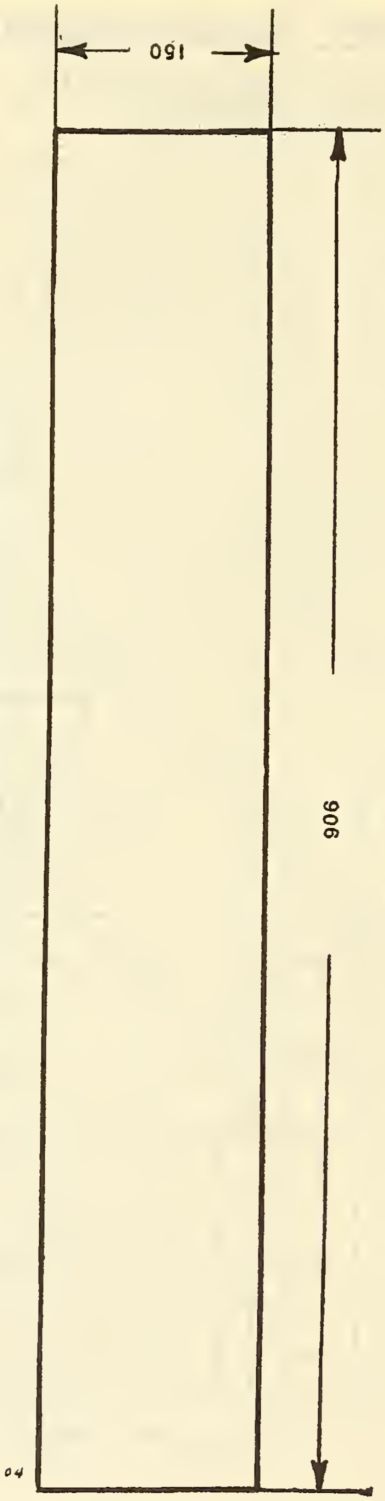
Distance from leading edge	0	.114	.218	.338	.45	.563	.673	.78	.887	1.00
Upper camber	0	.0665	.0586	.0493	.0810	.0628	.04	.0693	.049	0
Lower camber	0	.0166	.0253	.0293	.0293	.0268	.02	.016	.0093	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 48 (HOWARD-WRIGHT).

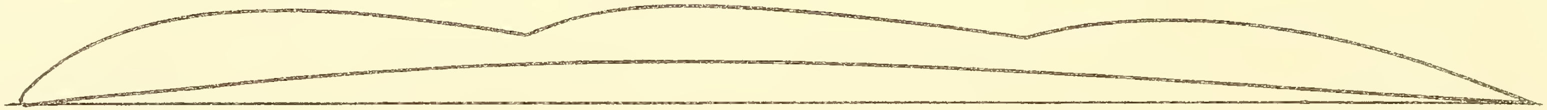
SIZE OF MODEL, 906 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



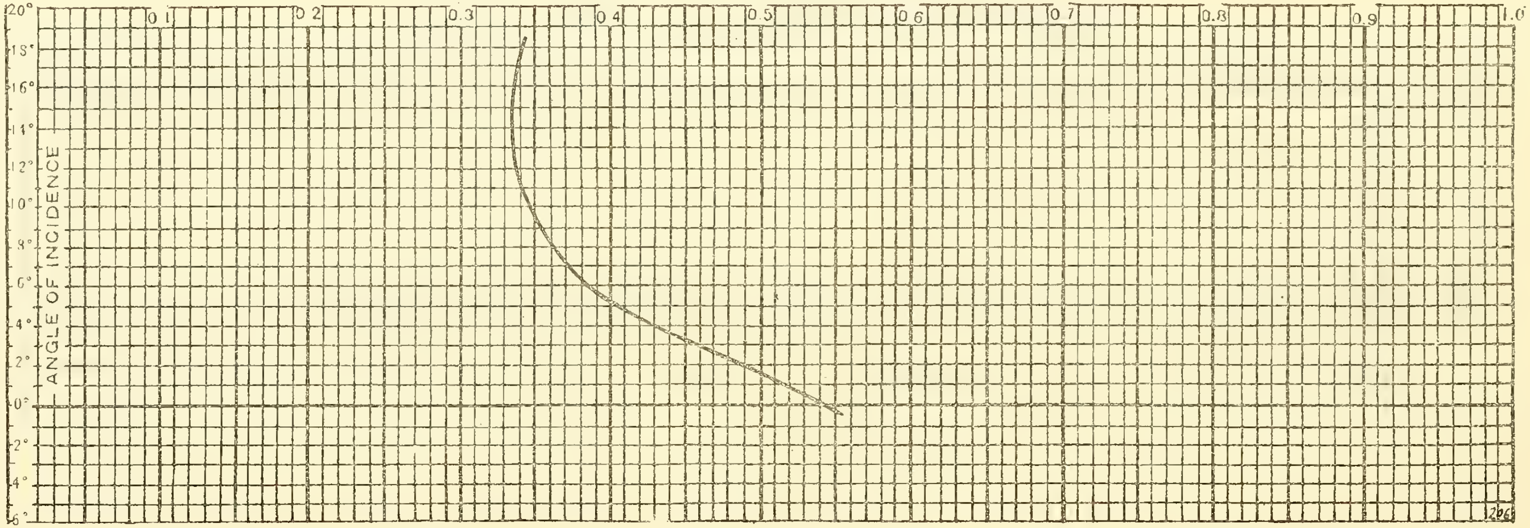


EIFFEL No. 48 (HOWARD-WRIGHT).

AEROFOIL, EIFFEL No. 49 (HOWARD-WRIGHT).



CURVE OF CENTER OF PRESSURE TRAVEL

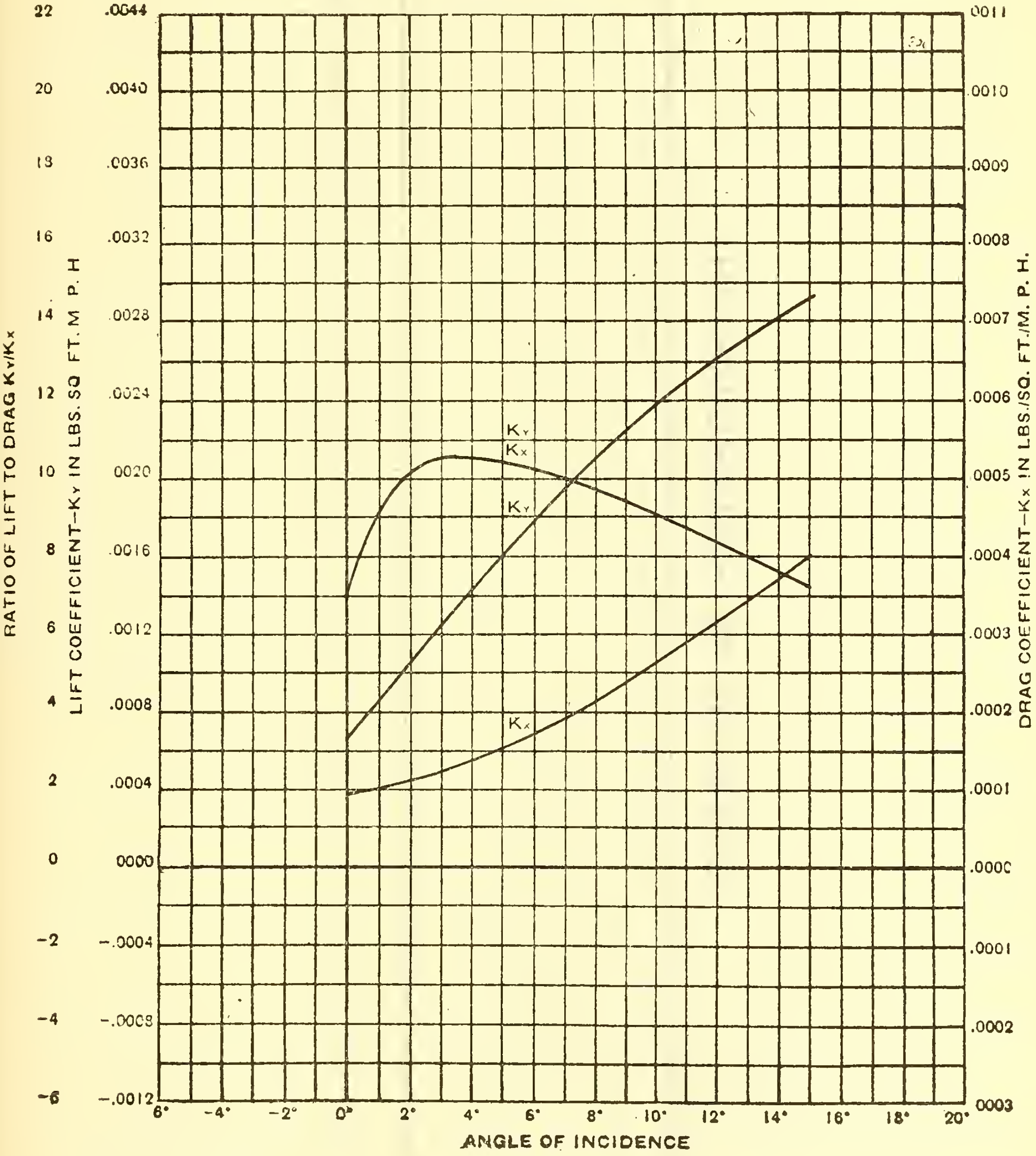


Distance from leading edge	0	.147	.298	.335	.443	.59	.668	.74	.885	1.00
Upper camber	0	.0615	.0565	.0493	.0684	.0565	.0428	.0582	.0419	0
Lower camber	0	.0177	.027	.0296	.03	.027	.0231	.0197	.0109	0

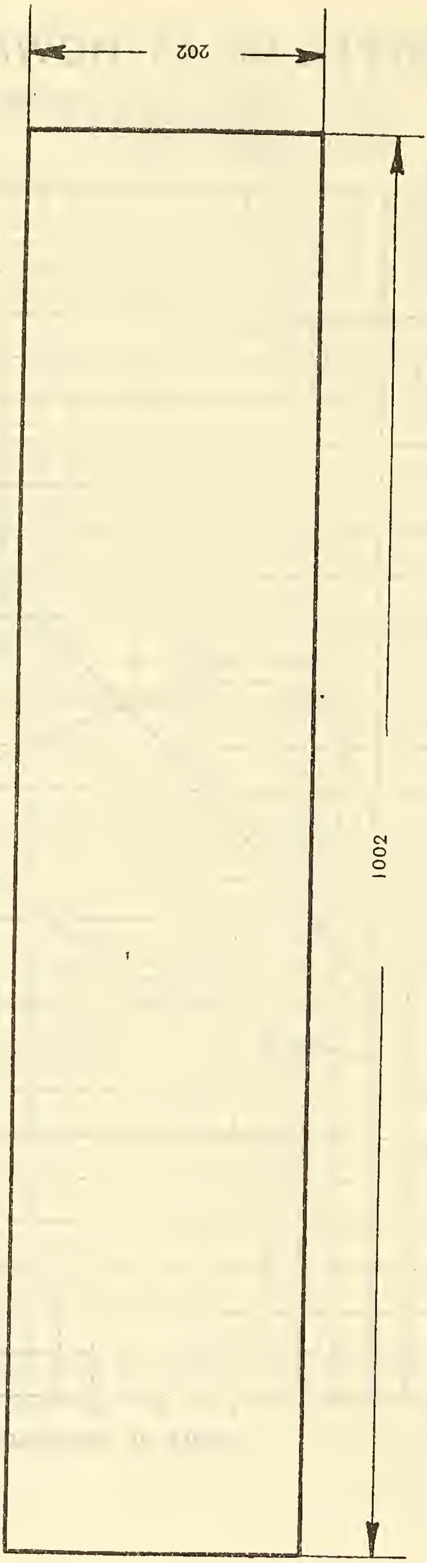
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 49 (HOWARD-WRIGHT).

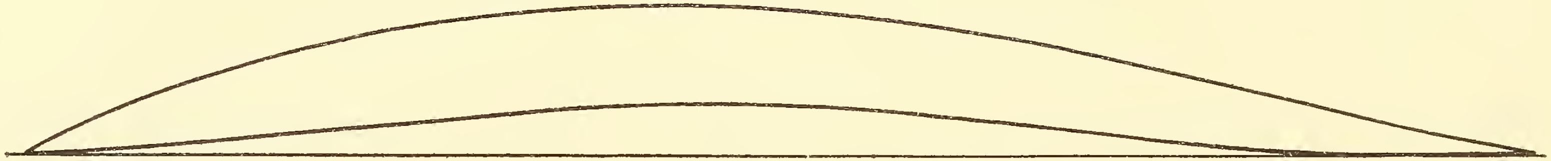
SIZE OF MODEL, 1002 BY 202 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



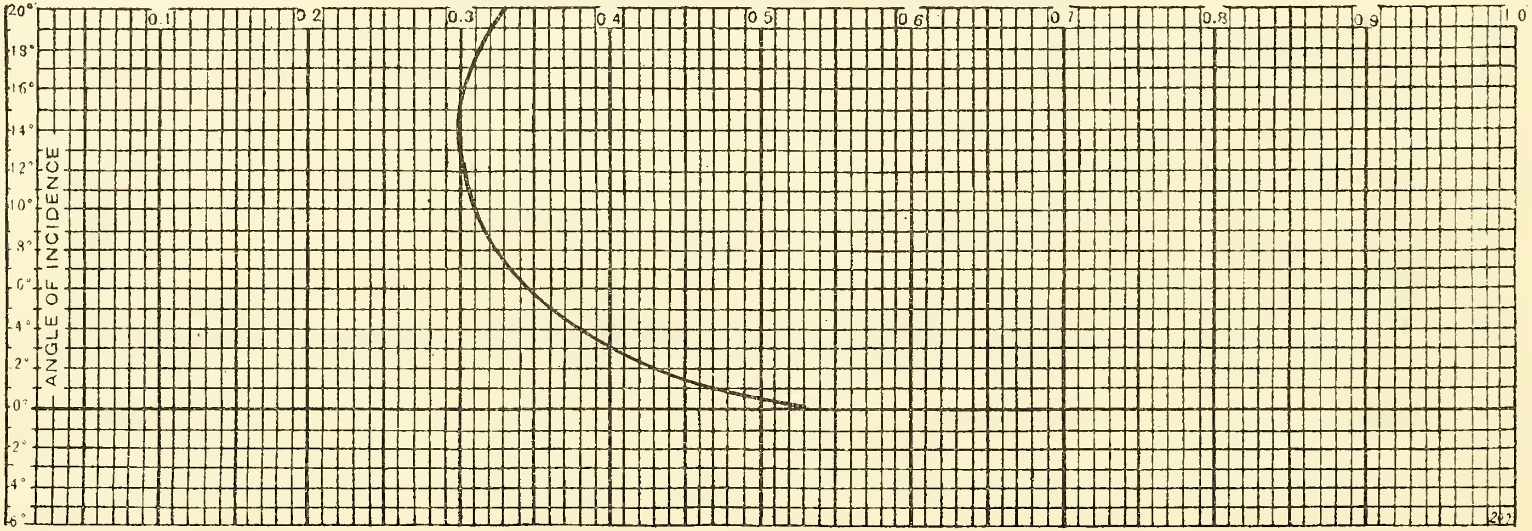
EIFFEL No. 49 (HOWARD-WRIGHT).



AEROFOIL EIFFEL No. 52 (NIEUPORT).



CURVE OF CENTER OF PRESSURE TRAVEL

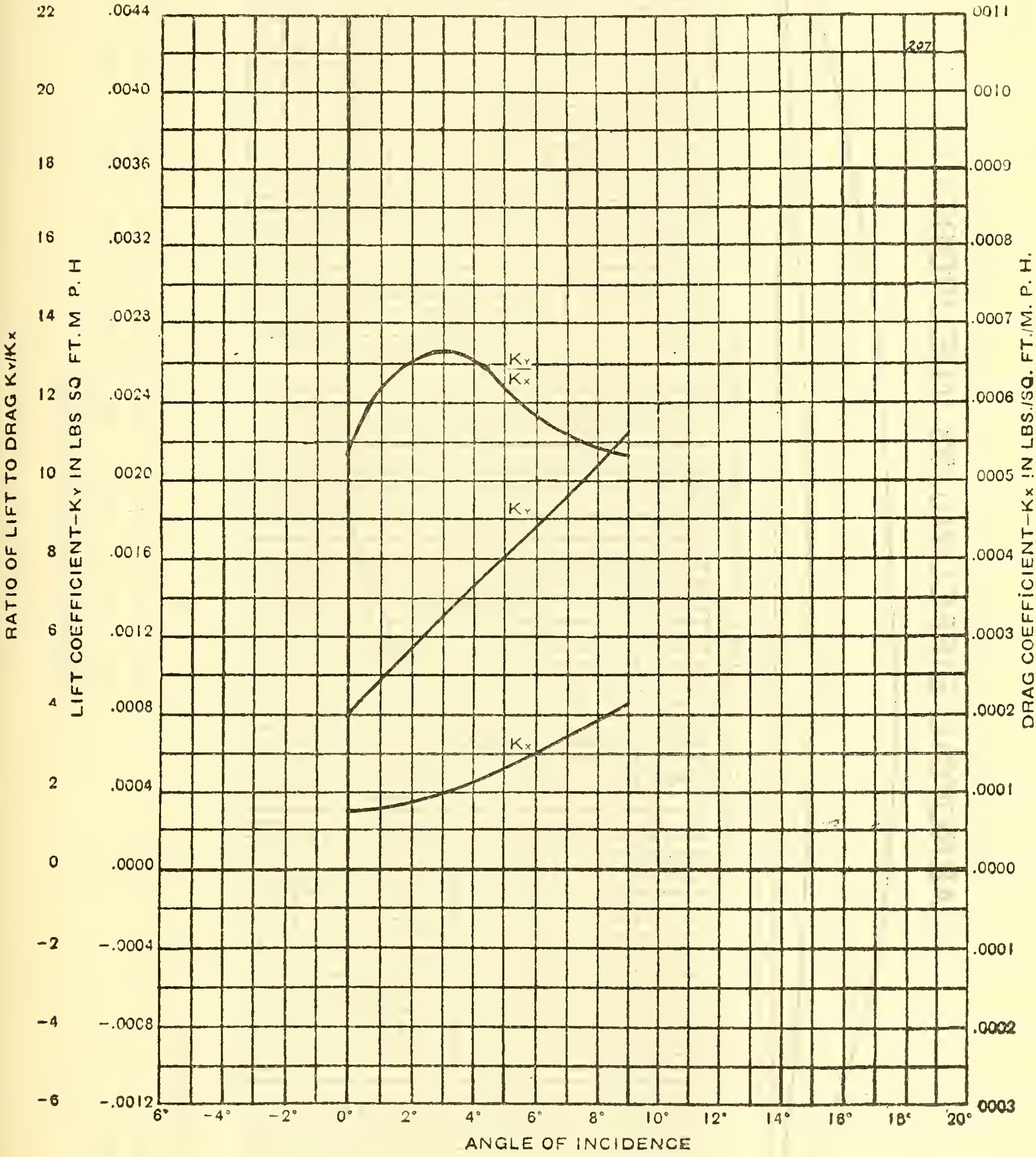


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.0794	.096	.0846	.0453	0
Lower camber	0	.0186	.034	.0268	.006	0

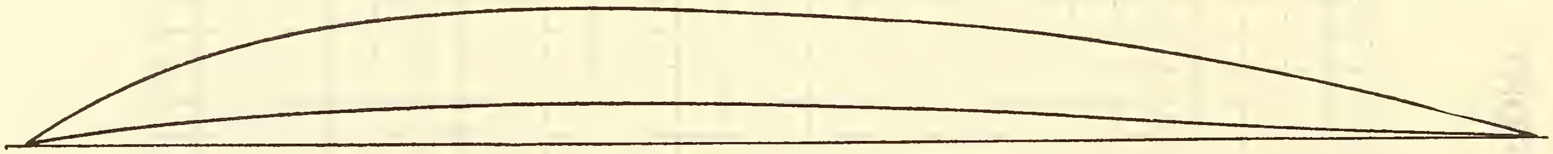
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 52 (NIEUPORT).

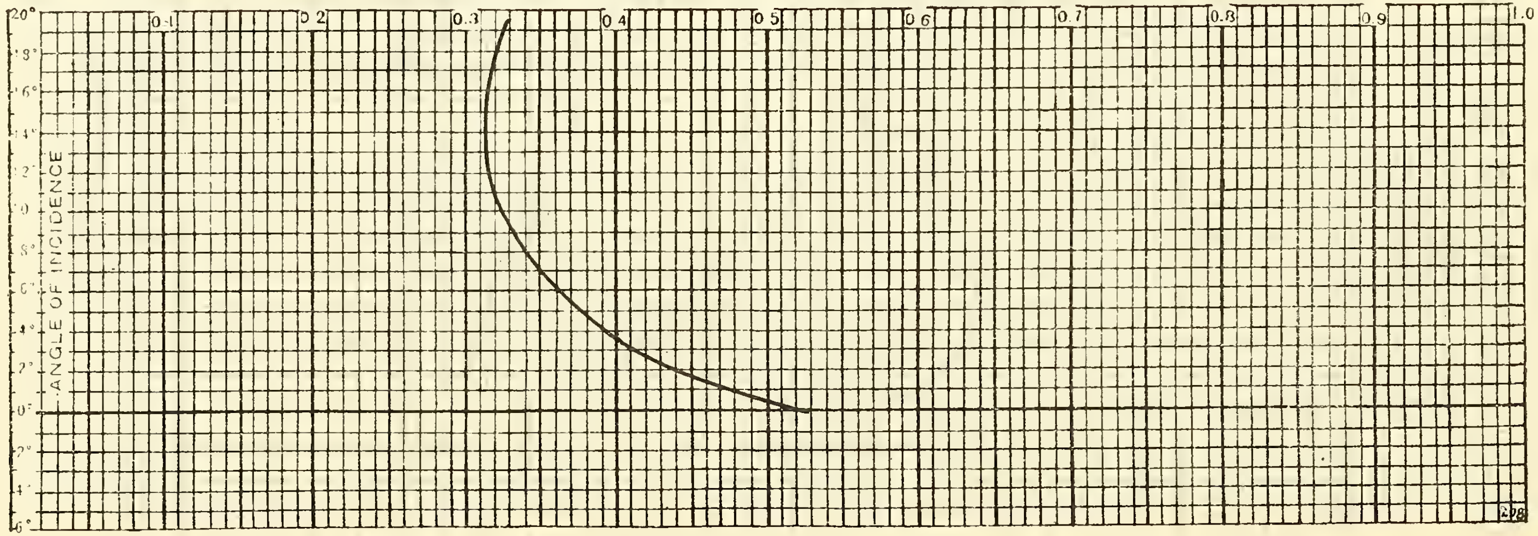
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 53.7 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 53 (NIEUPORT).



CURVE OF CENTER OF PRESSURE TRAVEL

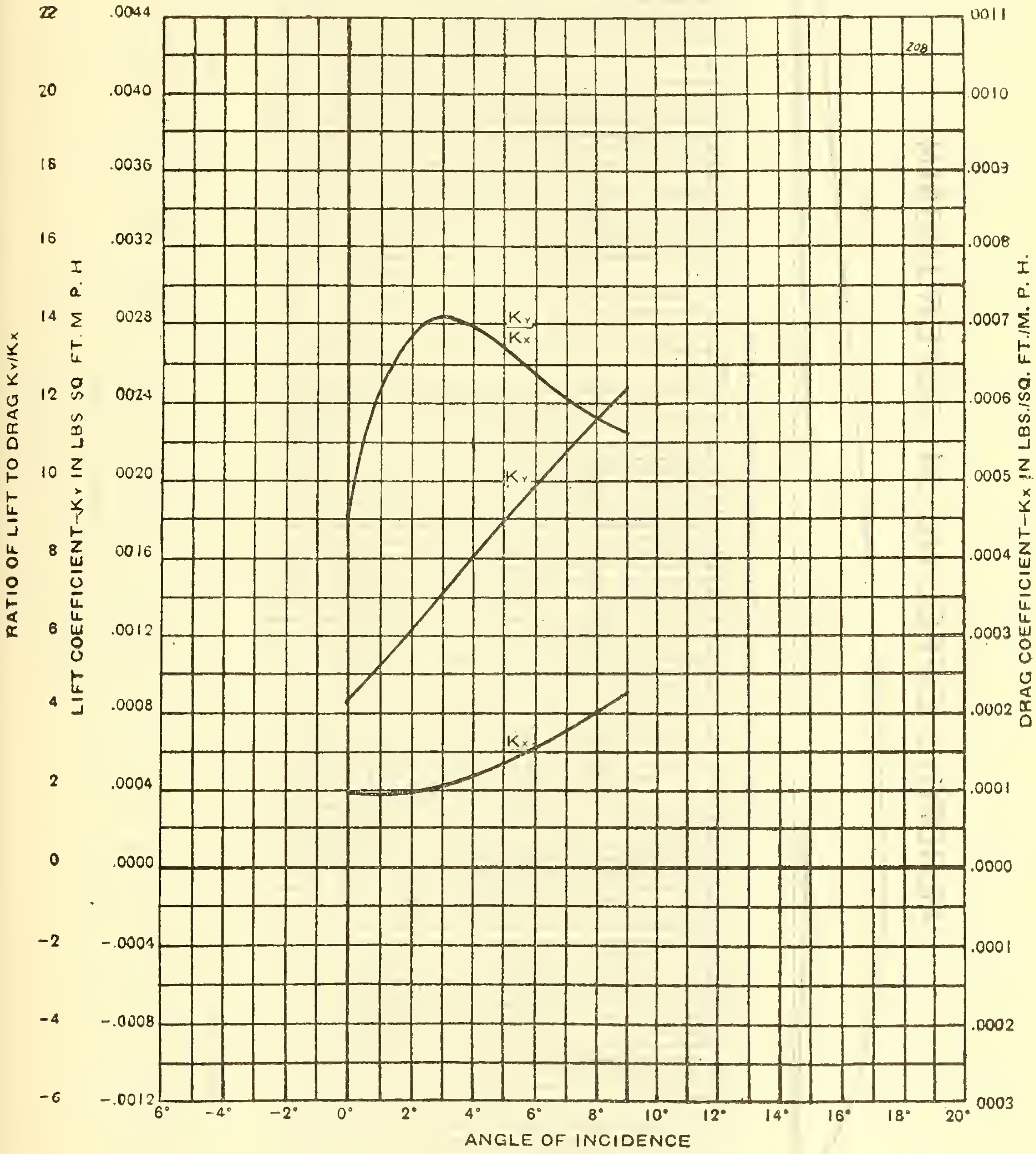


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.062	.078	.088	.088	.086	.064	.058	.04	.0207	0
Lower camber	0	.014	.0207	.028	.028	.0267	.0206	.0133	.006	.00136	0

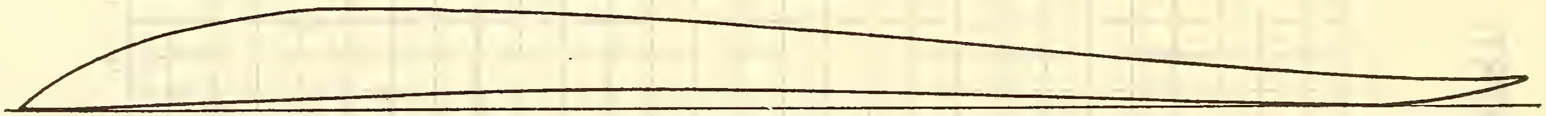
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 53 (NIEUPORT).

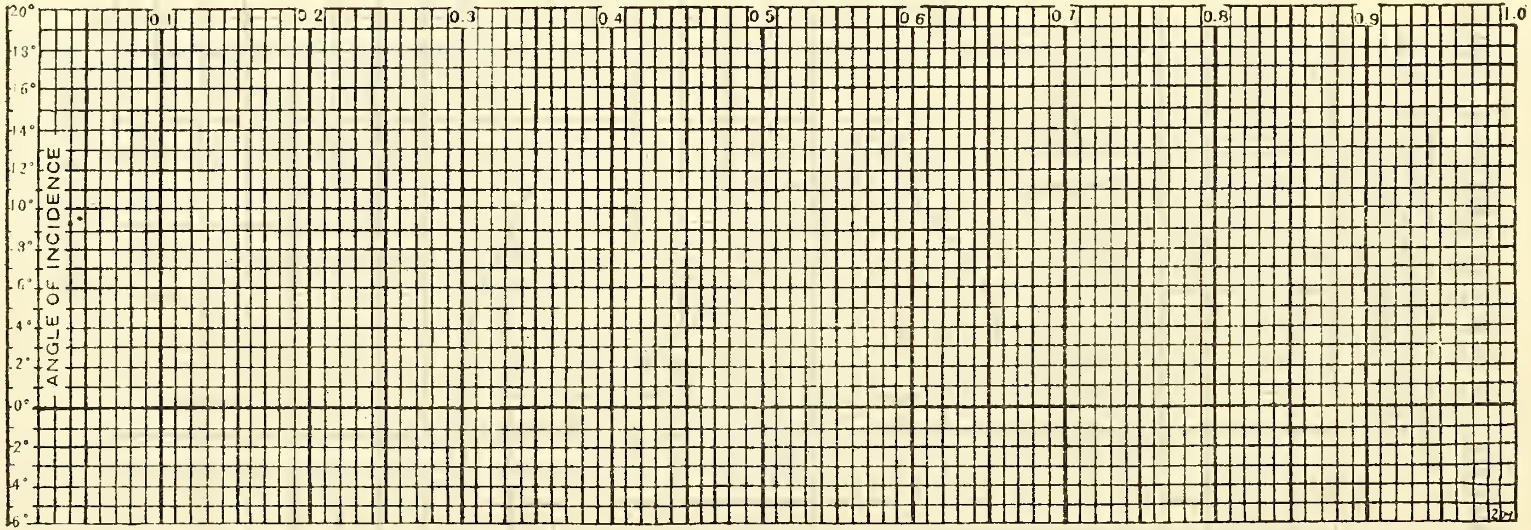
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 53.7 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 54 (DEPERDUSSIN).



CURVE OF CENTER OF PRESSURE TRAVEL

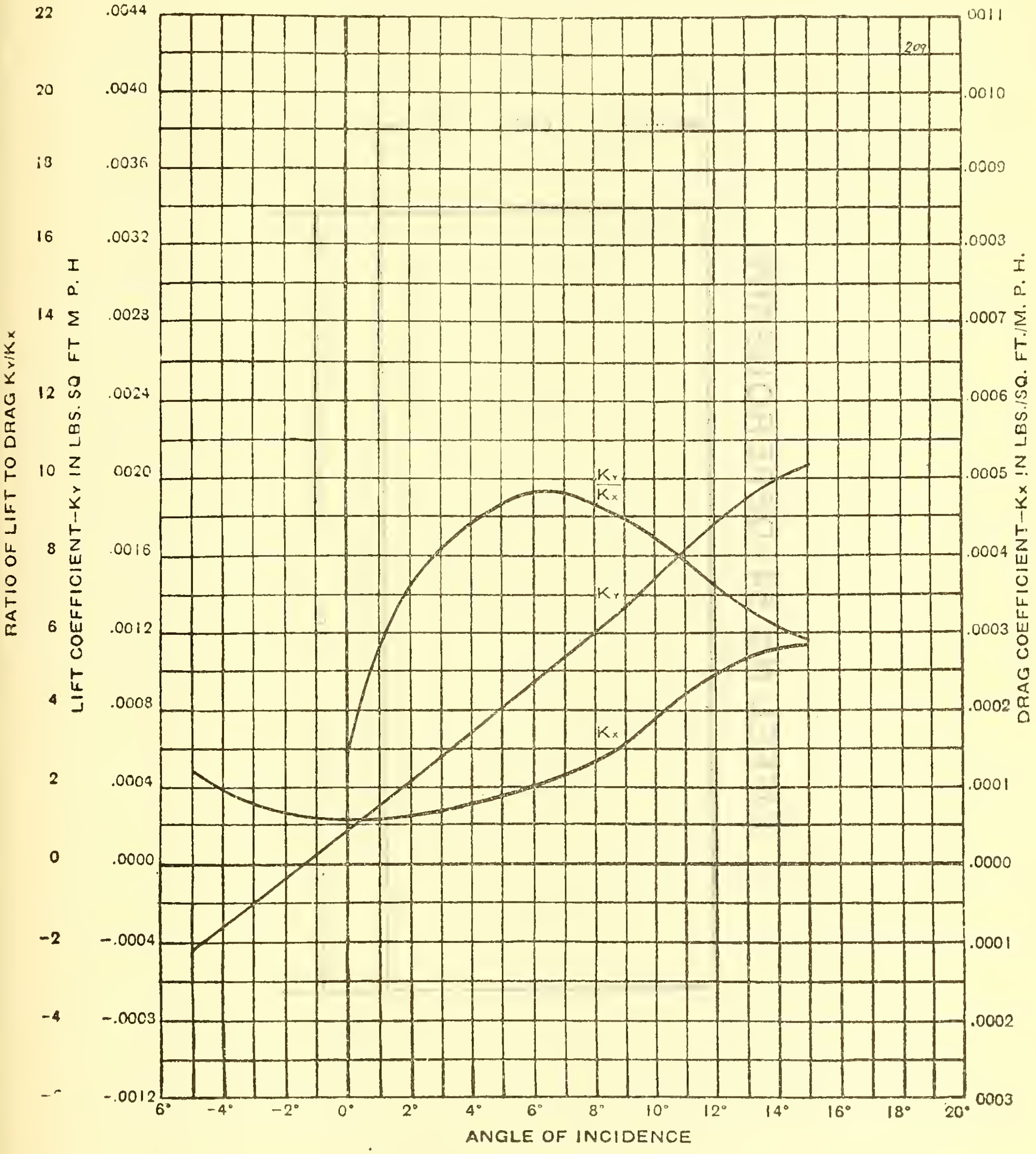


Distance from leading edge	0	.121	.242	.364	.485	.605	.725	.8845	1.00
Upper camber	0	.0593	.0673	.0585	.054	.0445	.0335	.0222	.002
Lower camber	0	.0048	.0089	.0101	.0117	.00101	.004	0	.002

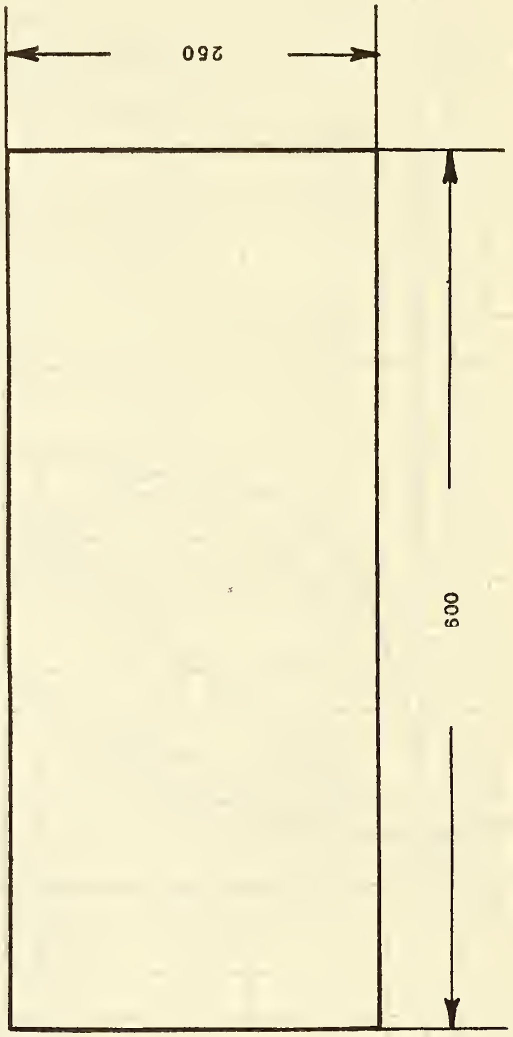
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 54 (DEPERDUSSIN).

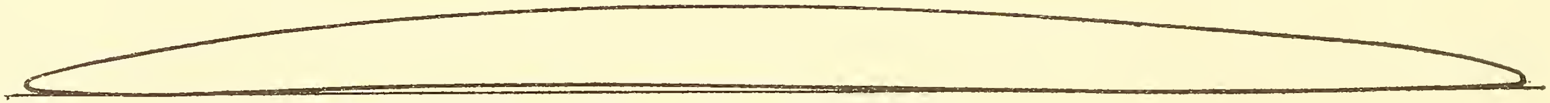
SIZE OF MODEL, 600 BY 250 MM.
VELOCITY OF WIND, 55.9 M P. H.
WIND TUNNEL, EIFFEL.



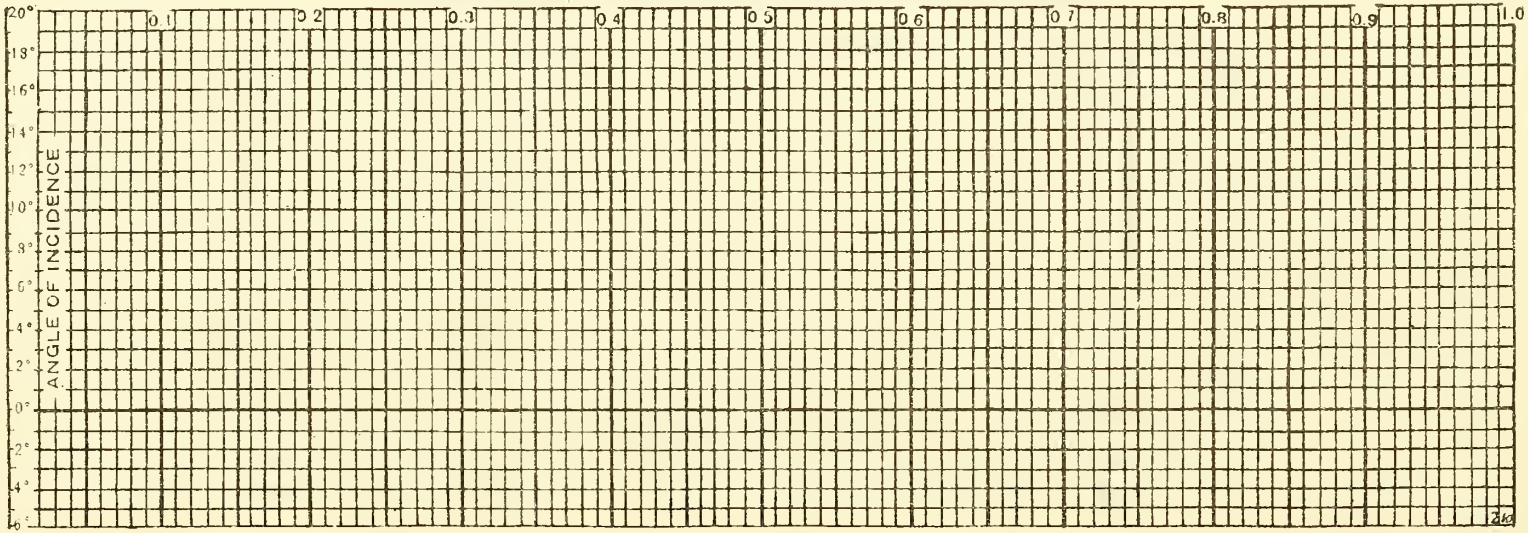
EIFFEL No. 54 (DEPERDUSSIN).



AEROFOIL, EIFFEL No. 55 (DEPERDUSSIN).



CURVE OF CENTER OF PRESSURE TRAVEL

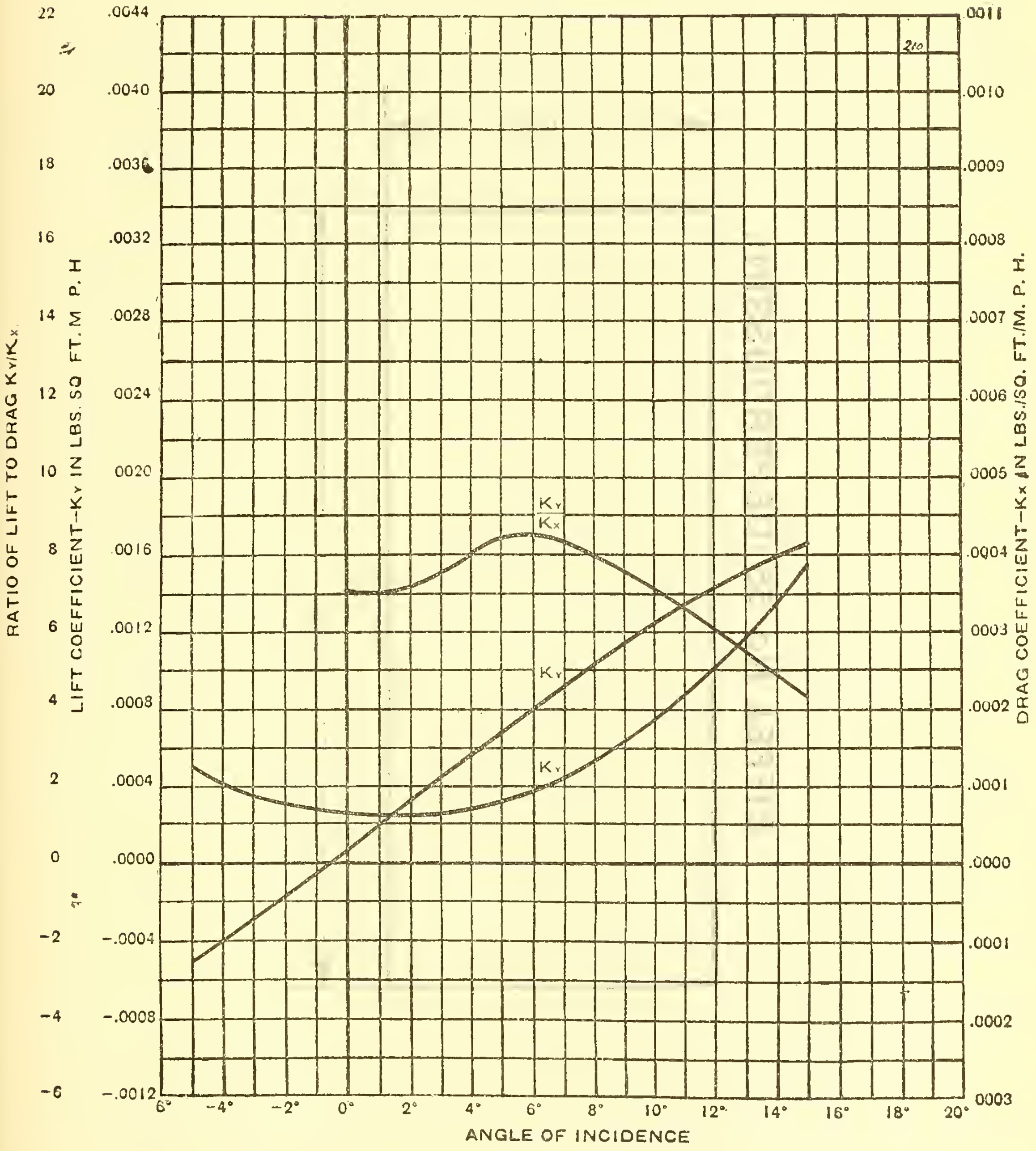


Distance from leading edge	0	.124	.248	.37	.495	.62	.74	.865	1.00
Upper camber	.005	.0305	.0408	.0455	.0515	.0506	.0407	.037	.005
Lower camber	.005	0	.0012	.0041	.00248	0	0	0	.005

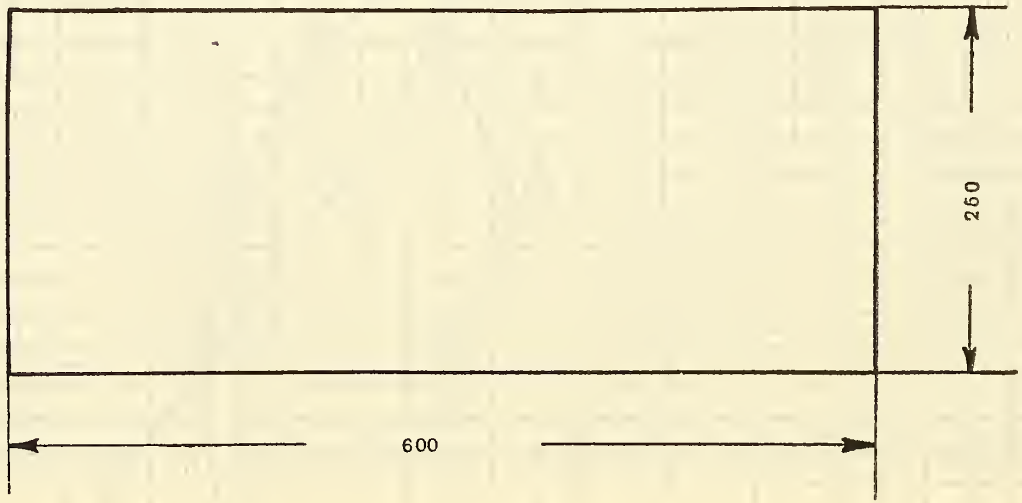
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 55 (DEPERDUSSIN).

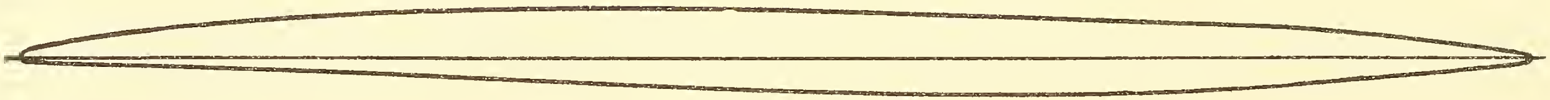
SIZE OF MODEL, 600 BY 250 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



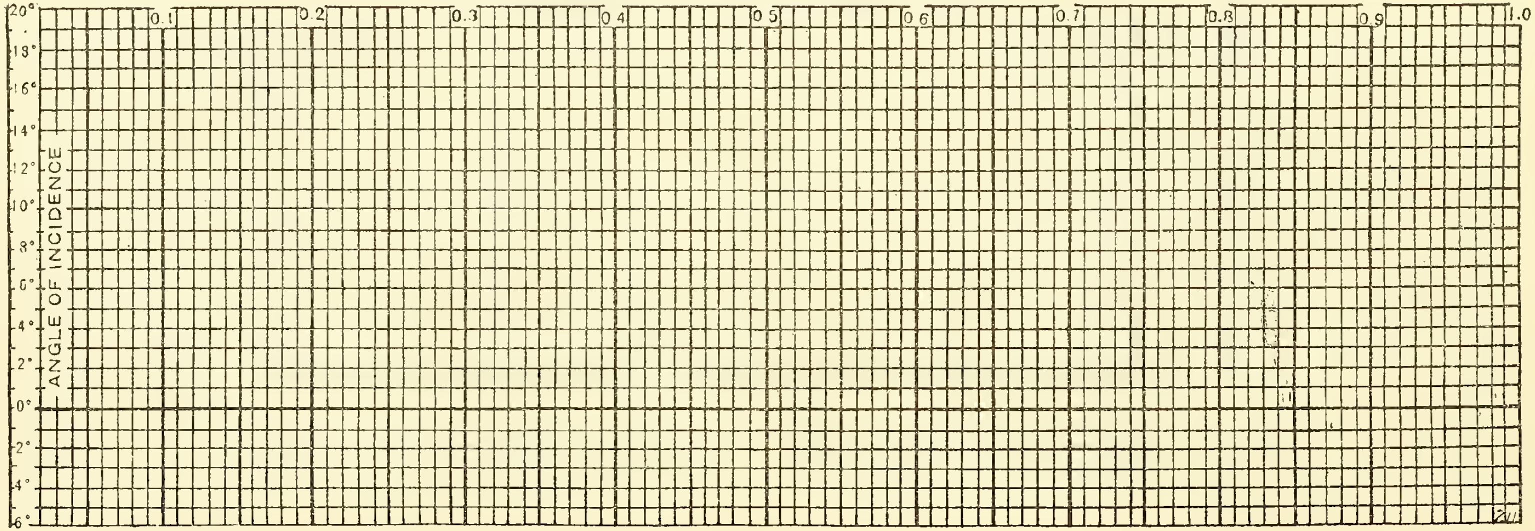
EIFFEL No. 55 (DEPERDUSSIN).



AEROFOIL, EIFFEL No. 56 (DEPERDUSSIN).



CURVE OF CENTER OF PRESSURE TRAVEL

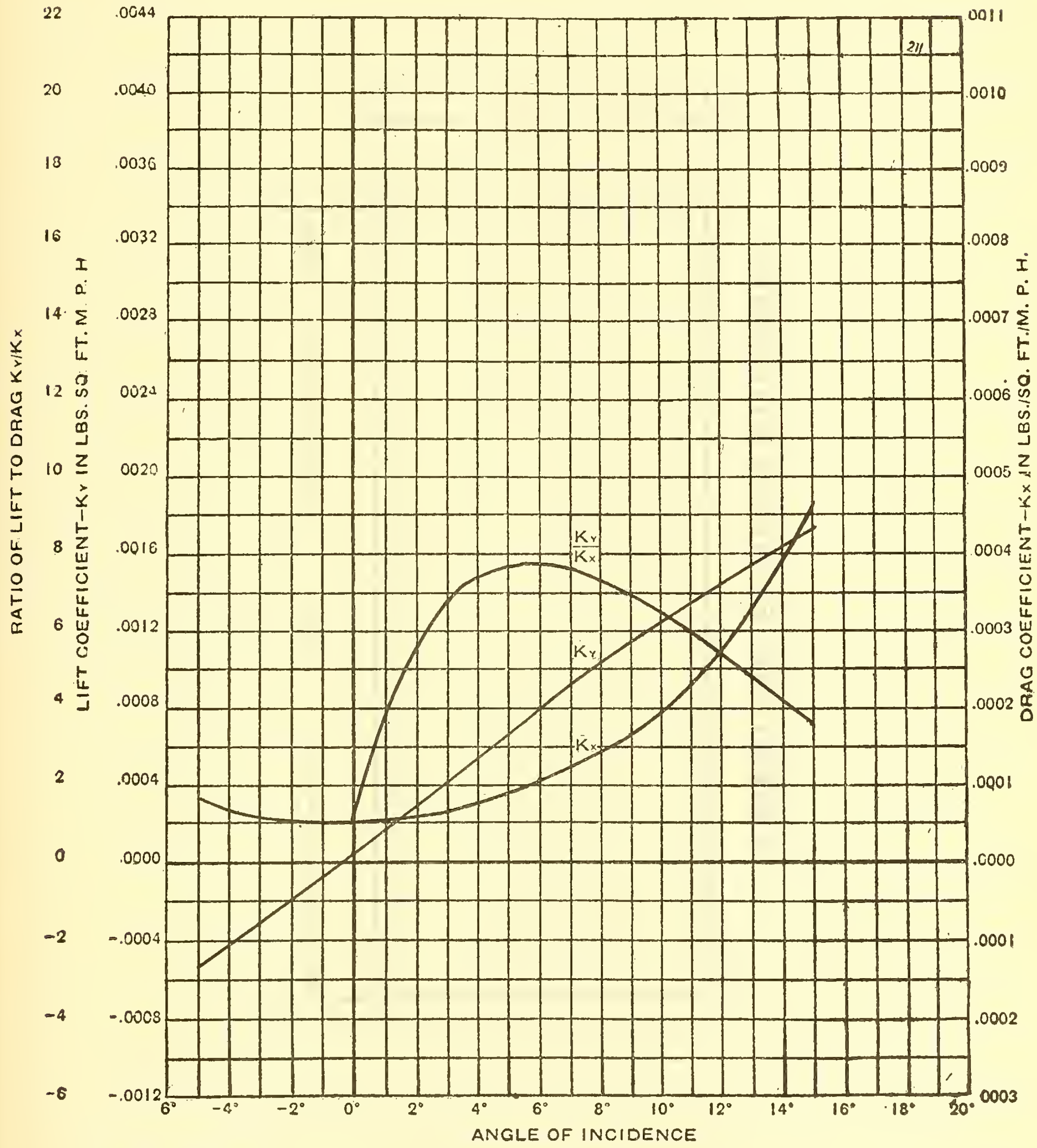


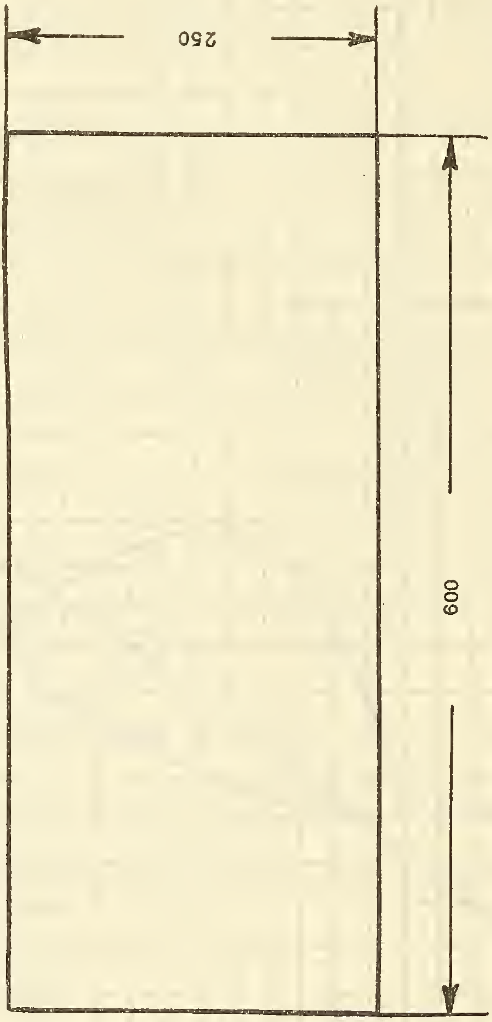
Distance from leading edge	0	.122	.234	.366	.487	.61	.73	.85	1.00
Upper camber	0	.0221	.0288	.0292	.0264	.0278	.0219	.0175	0
Lower camber	0	−.0089	−.0118	−.0175	−.0236	−.0252	−.0223	−.0195	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 56 (DEPERDUSSIN).

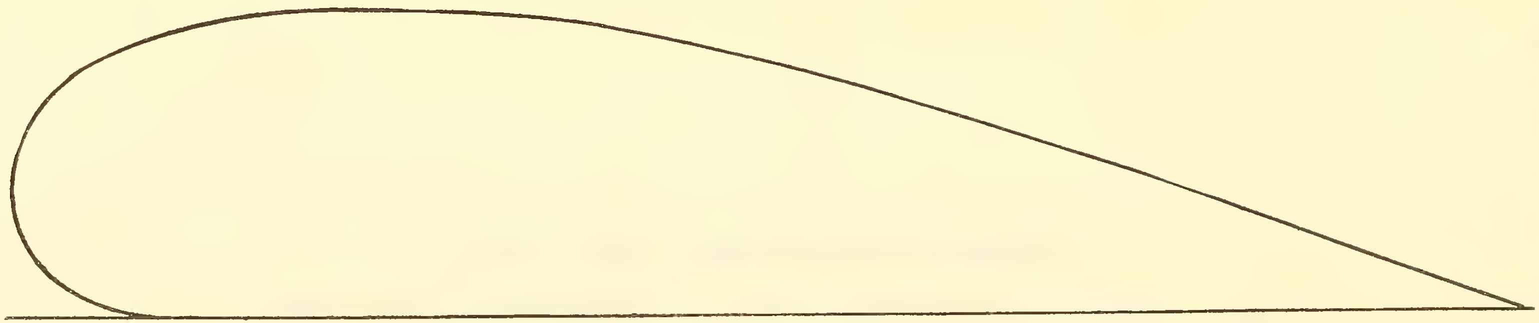
SIZE OF MODEL, 600 BY 250 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



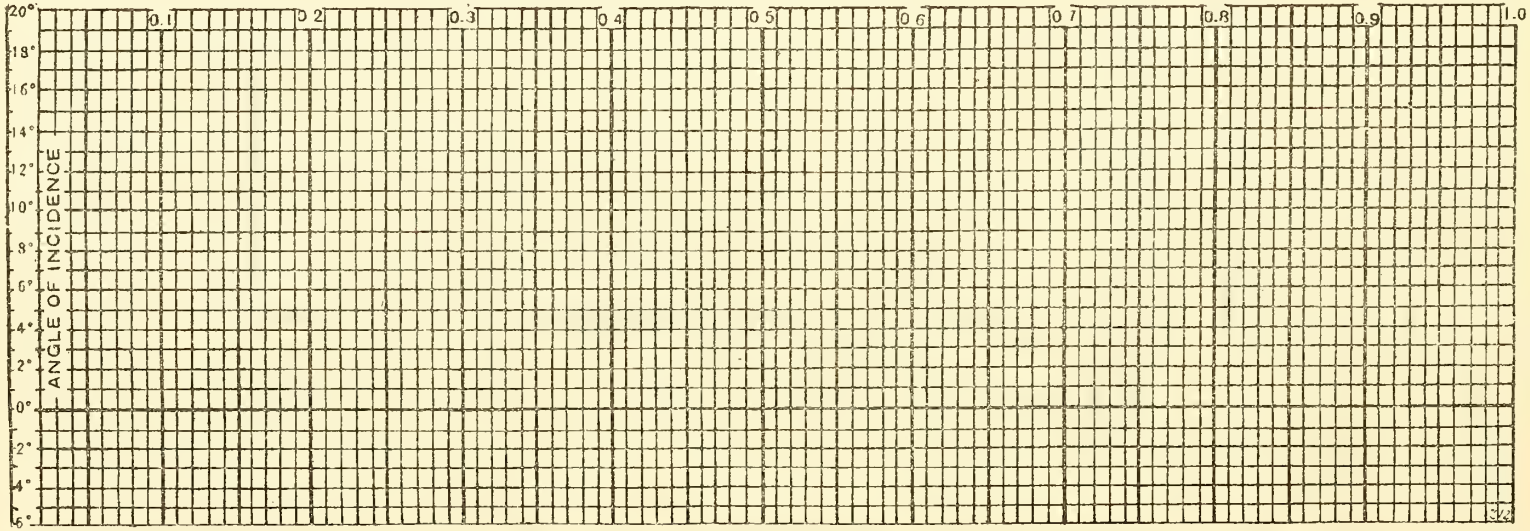


EIFFEL No. 56 (DEPERDUSSIN).

AEROFOIL, EIFFEL No. 57.



CURVE OF CENTER OF PRESSURE TRAVEL

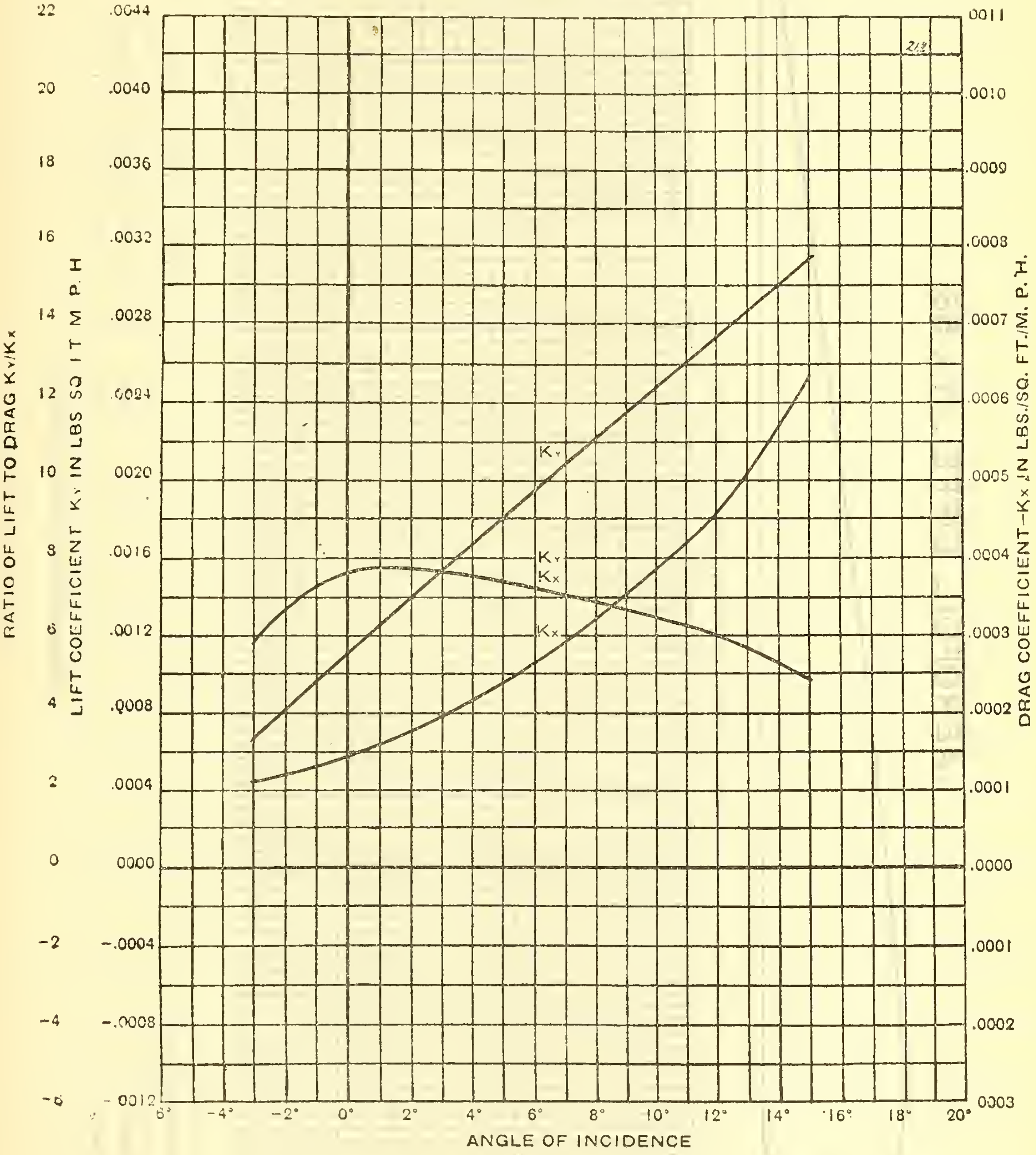


Distance from leading edge	0	.208	.394	.595	.80	1.00
Upper camber	.0775	.232	.198	.141	.073	0
Lower camber	.0775	0	0	0	0	0

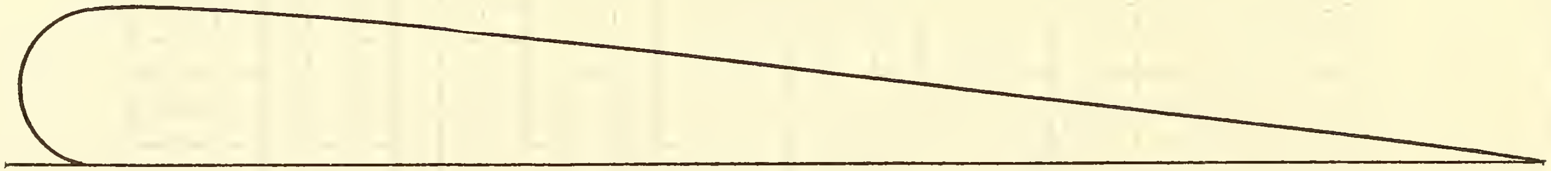
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 57.

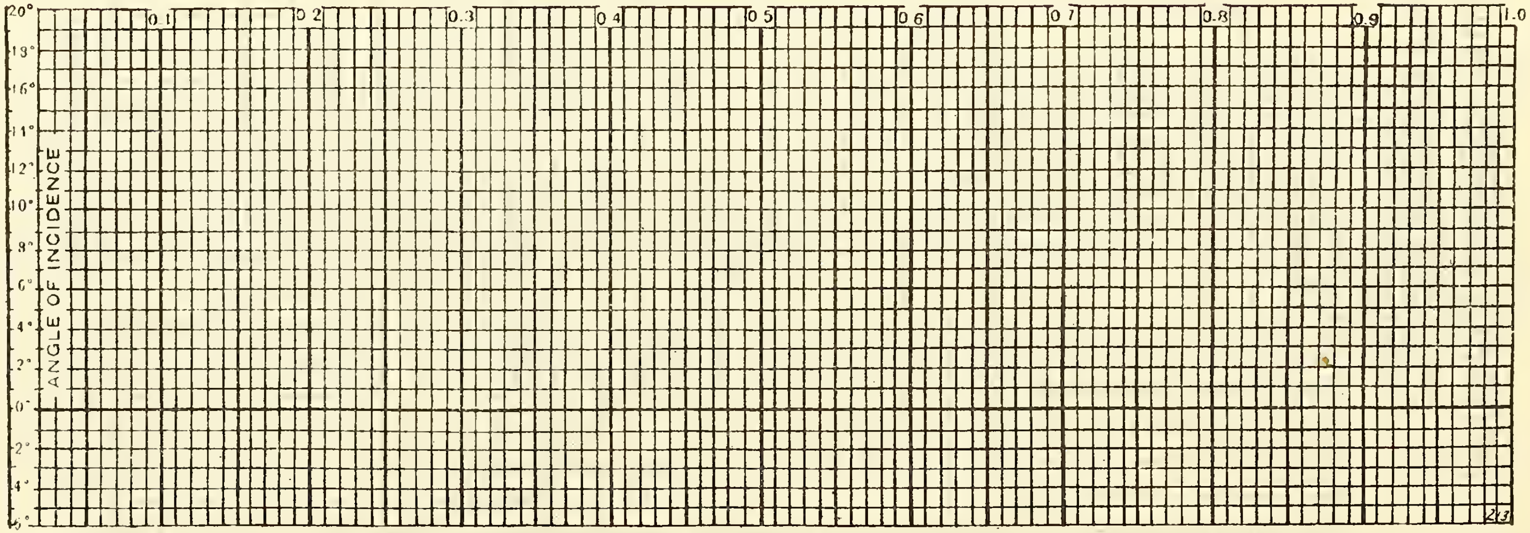
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 67.1 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 58.



CURVE OF CENTER OF PRESSURE TRAVEL

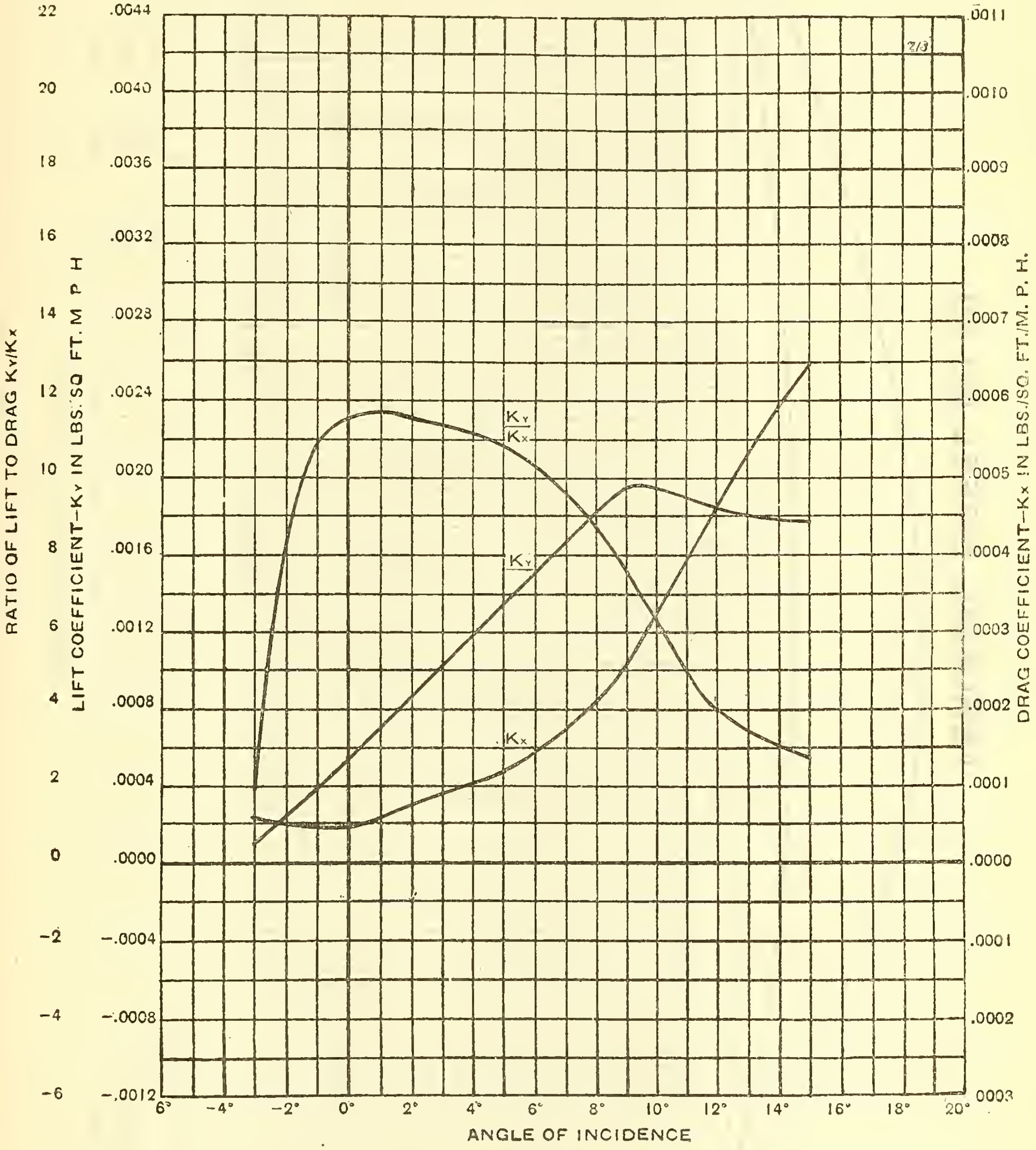


Distance from leading edge	0	.134	.198	.399	.60	.80	1.00
Upper camber	.05	.101	.096	.0755	.0528	.0288	0
Lower camber	.05	0	0	0	0	0	0

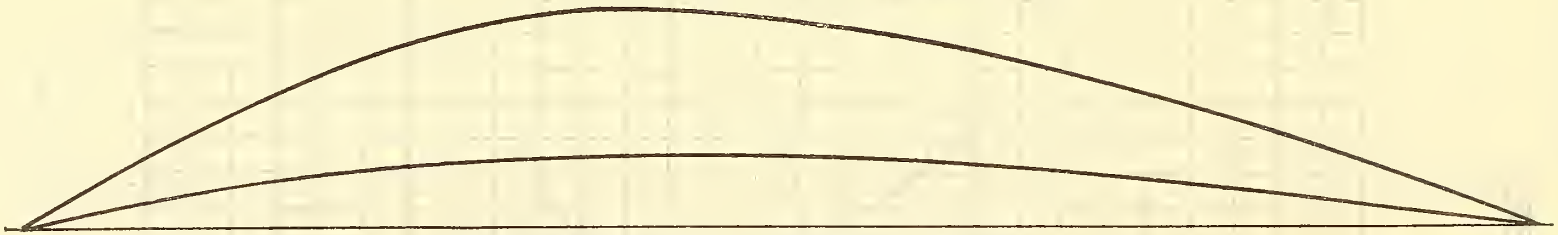
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 58.

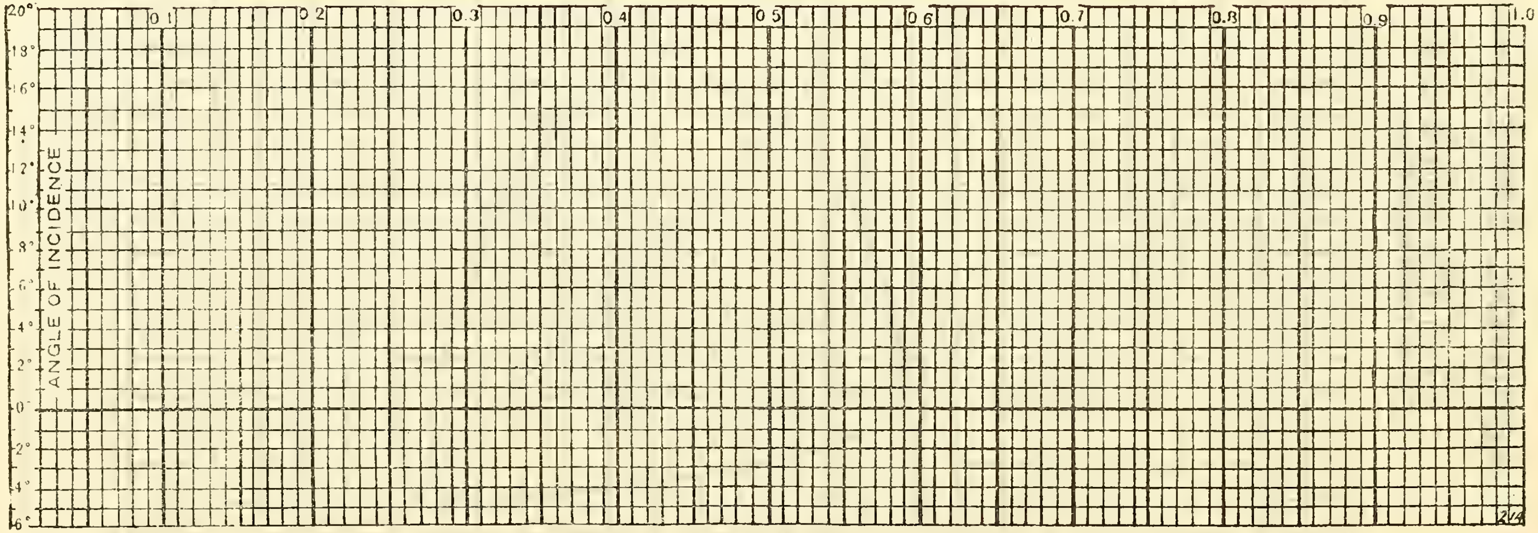
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 67.1 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 59.



CURVE OF CENTER OF PRESSURE TRAVEL

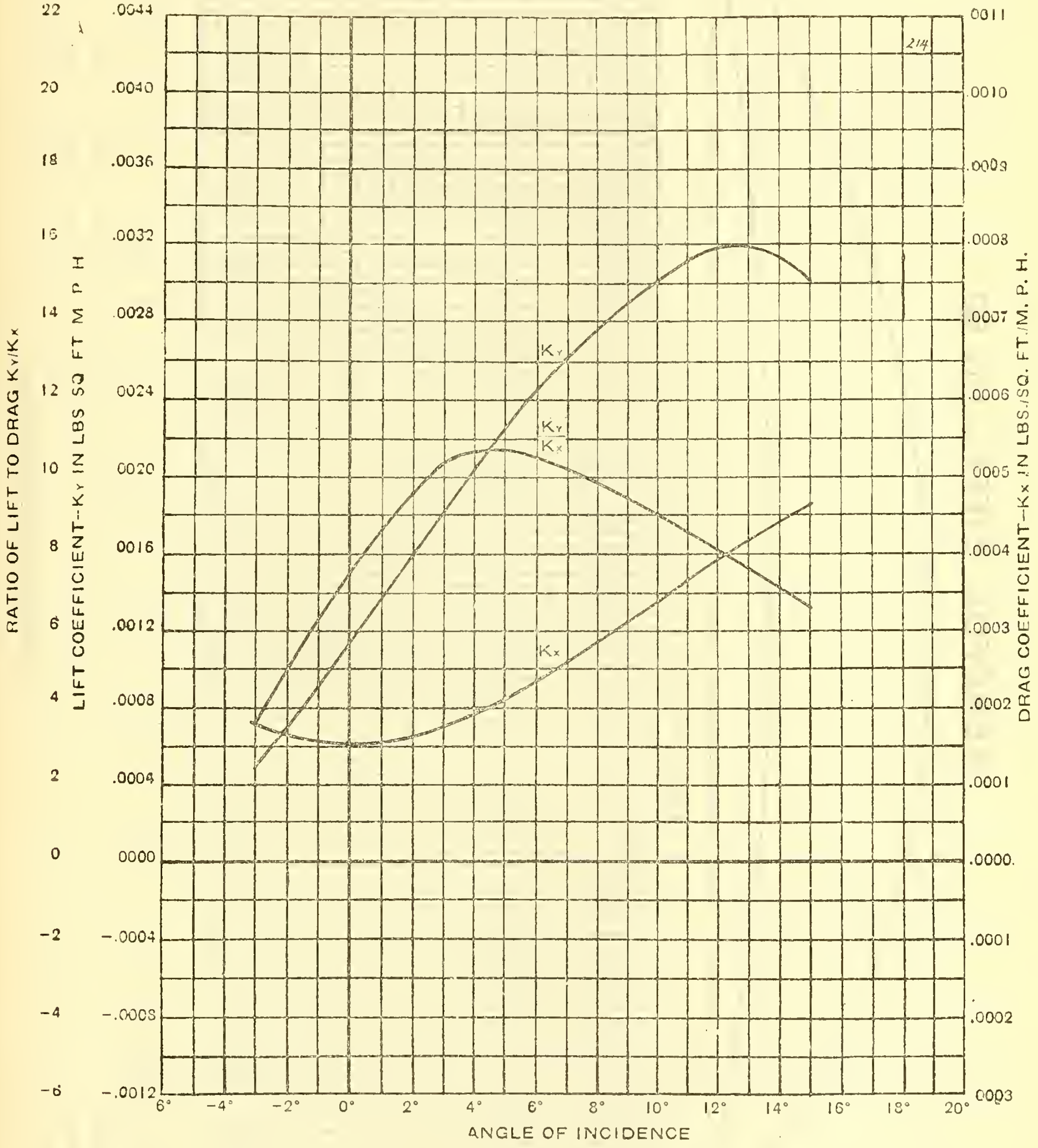


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.054	.109	.136	.142	.135	.121	.099	.0705	.035	0
Lower camber	0	.02	.034	.043	.0474	.045	.0413	.033	.024	.013	0

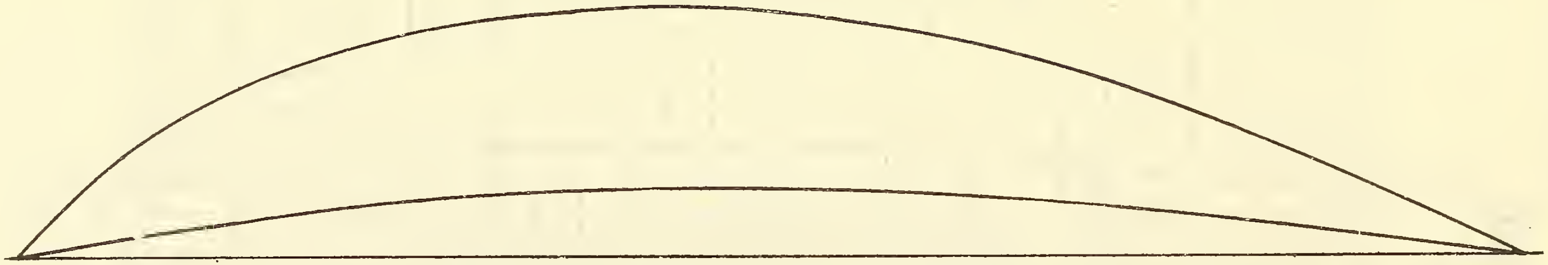
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 59.

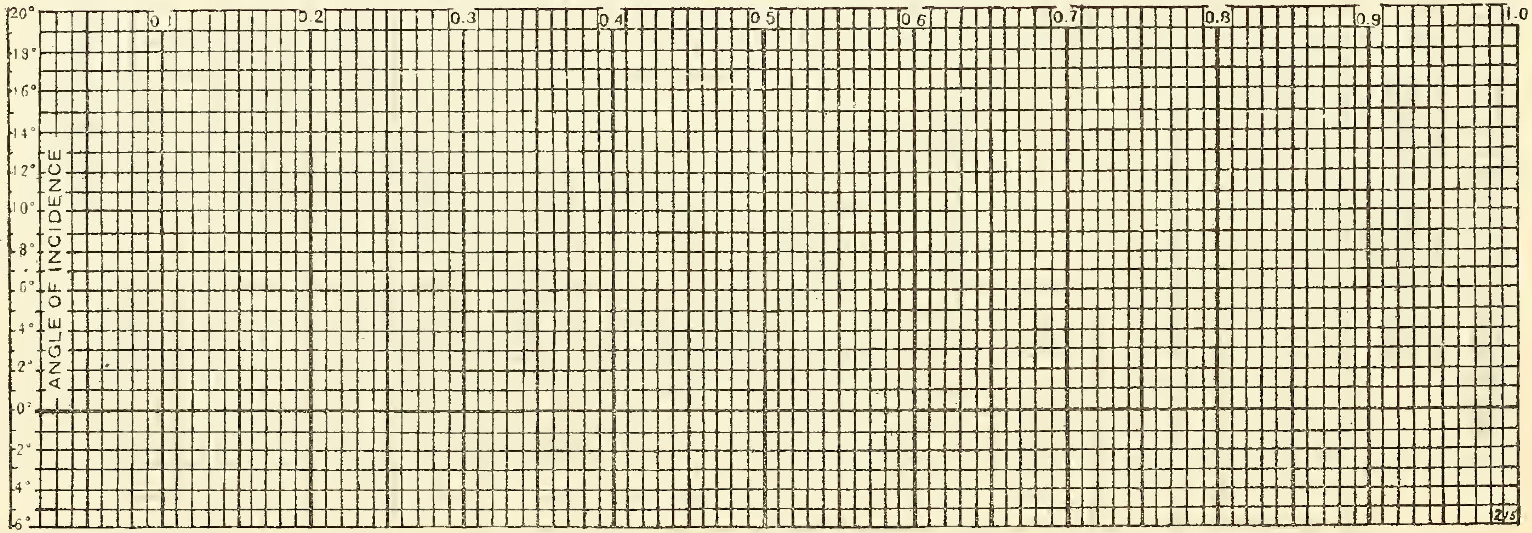
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 60.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 60.



CURVE OF CENTER OF PRESSURE TRAVEL

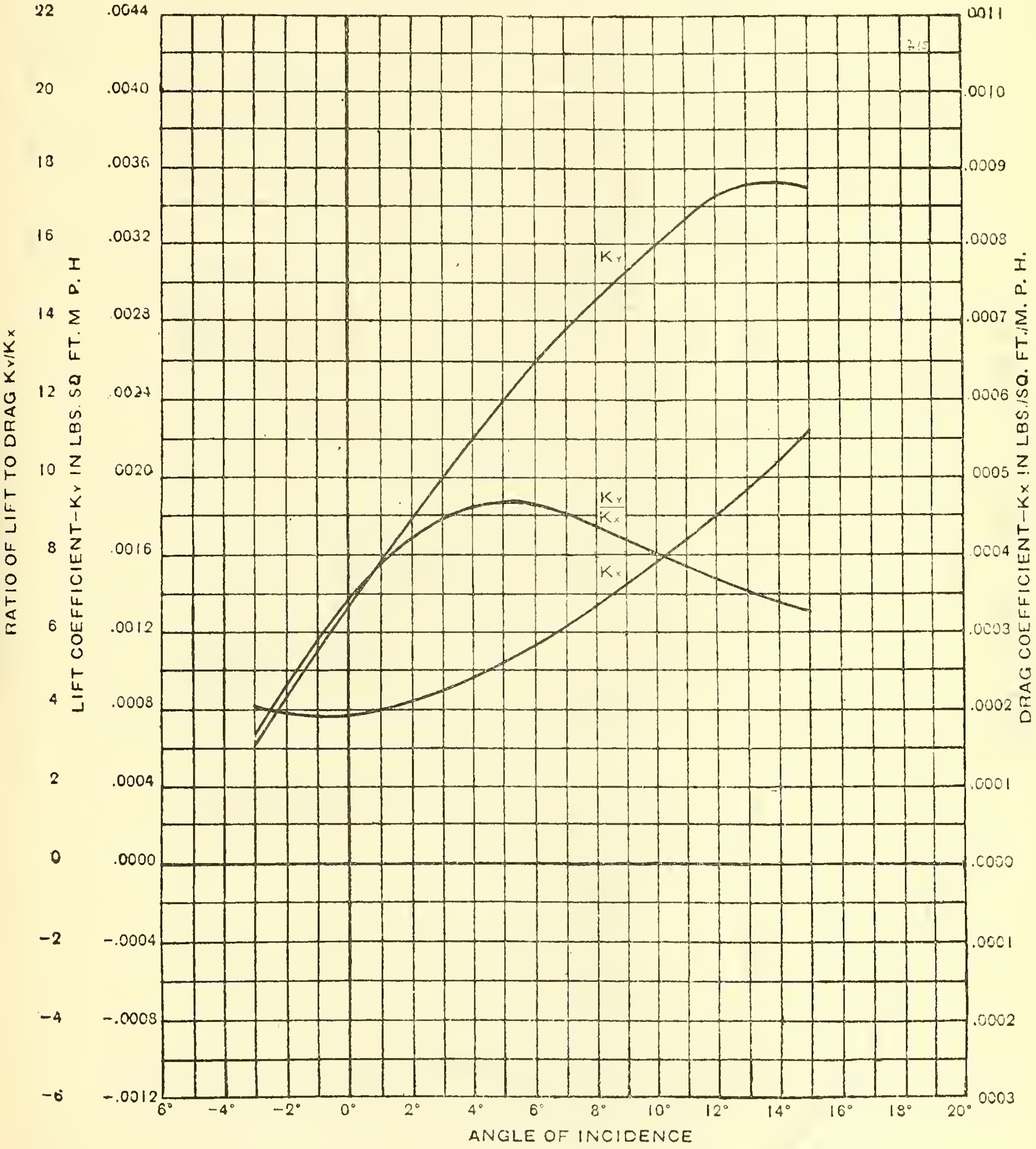


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.138	.166	.15	.087	0
Lower camber	0	.034	.047	.041	.024	0

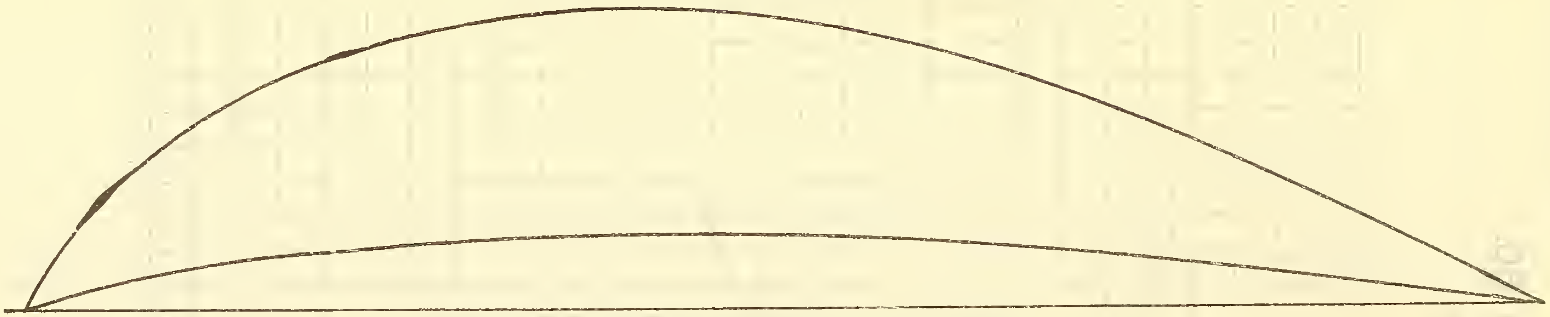
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 60.

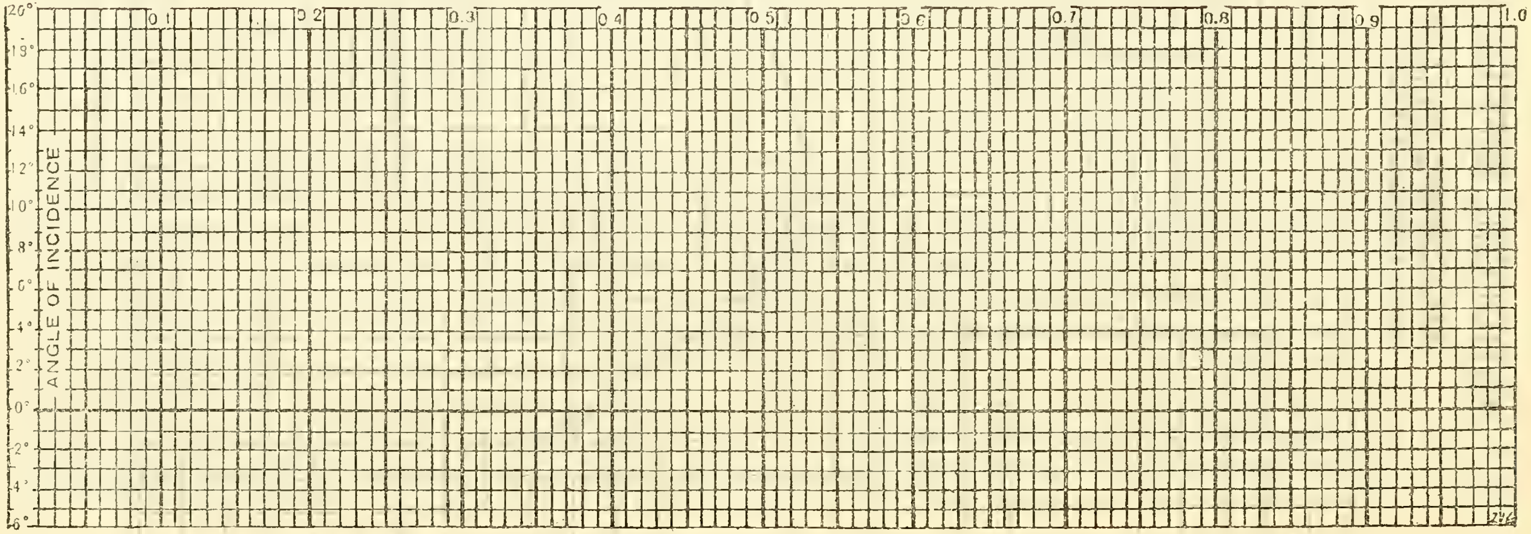
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 60.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 61.



CURVE OF CENTER OF PRESSURE TRAVEL

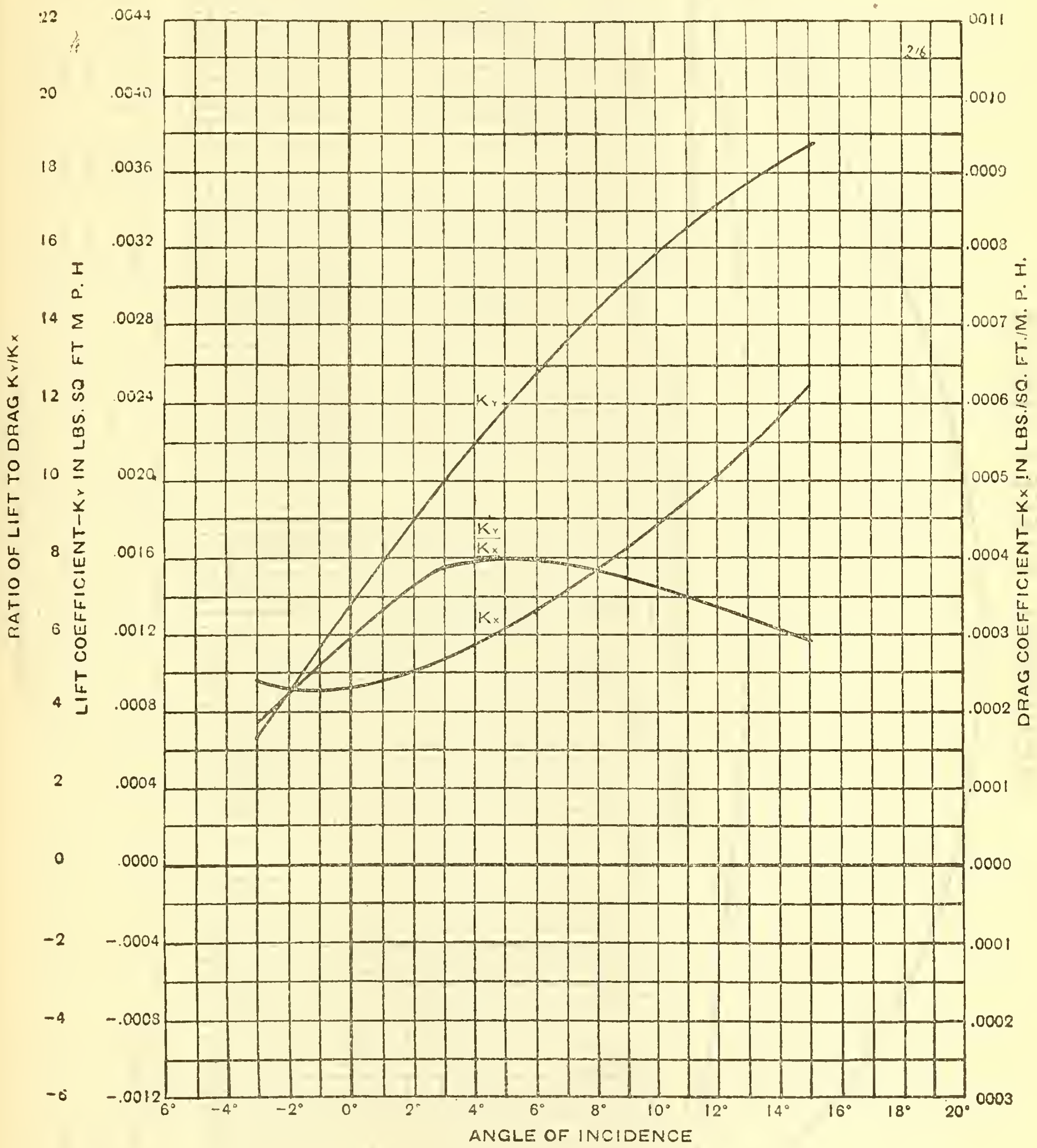


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.164	.21	.173	.0965	0
Lower camber	0	.034	.0475	.0413	.024	0

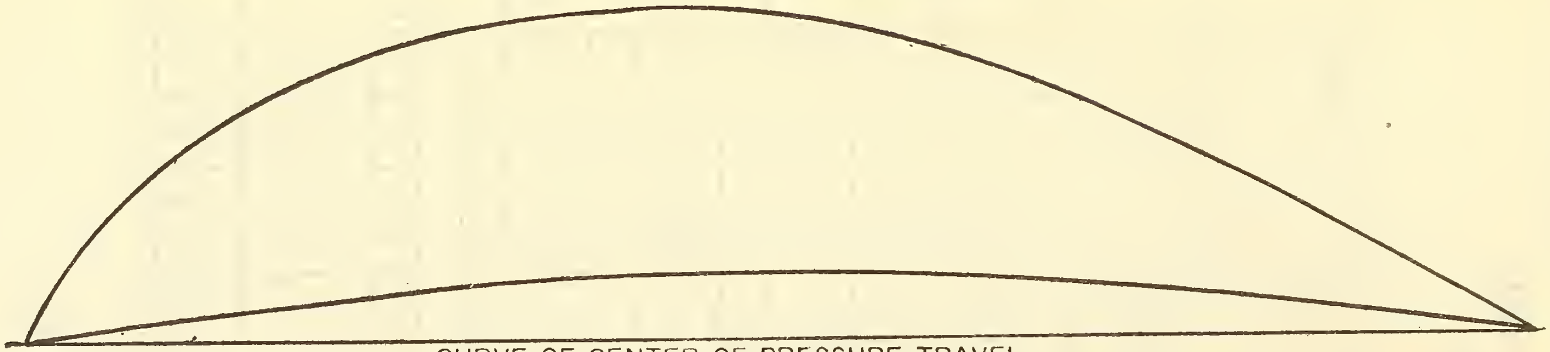
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 61.

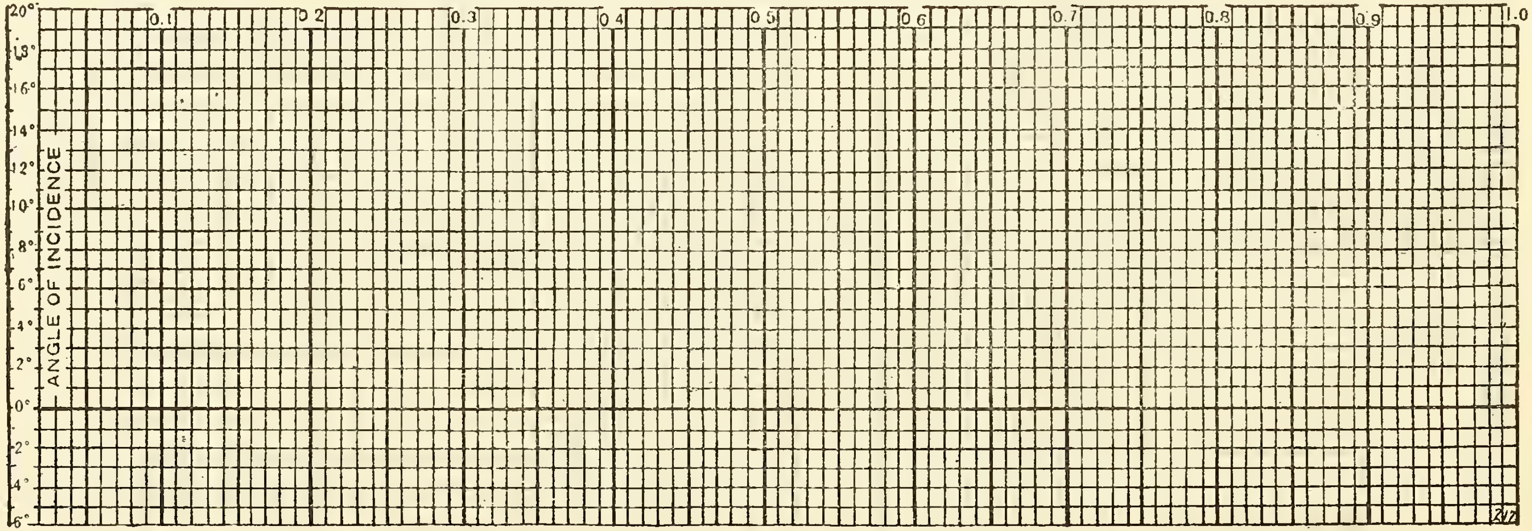
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 60.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 62.



CURVE OF CENTER OF PRESSURE TRAVEL

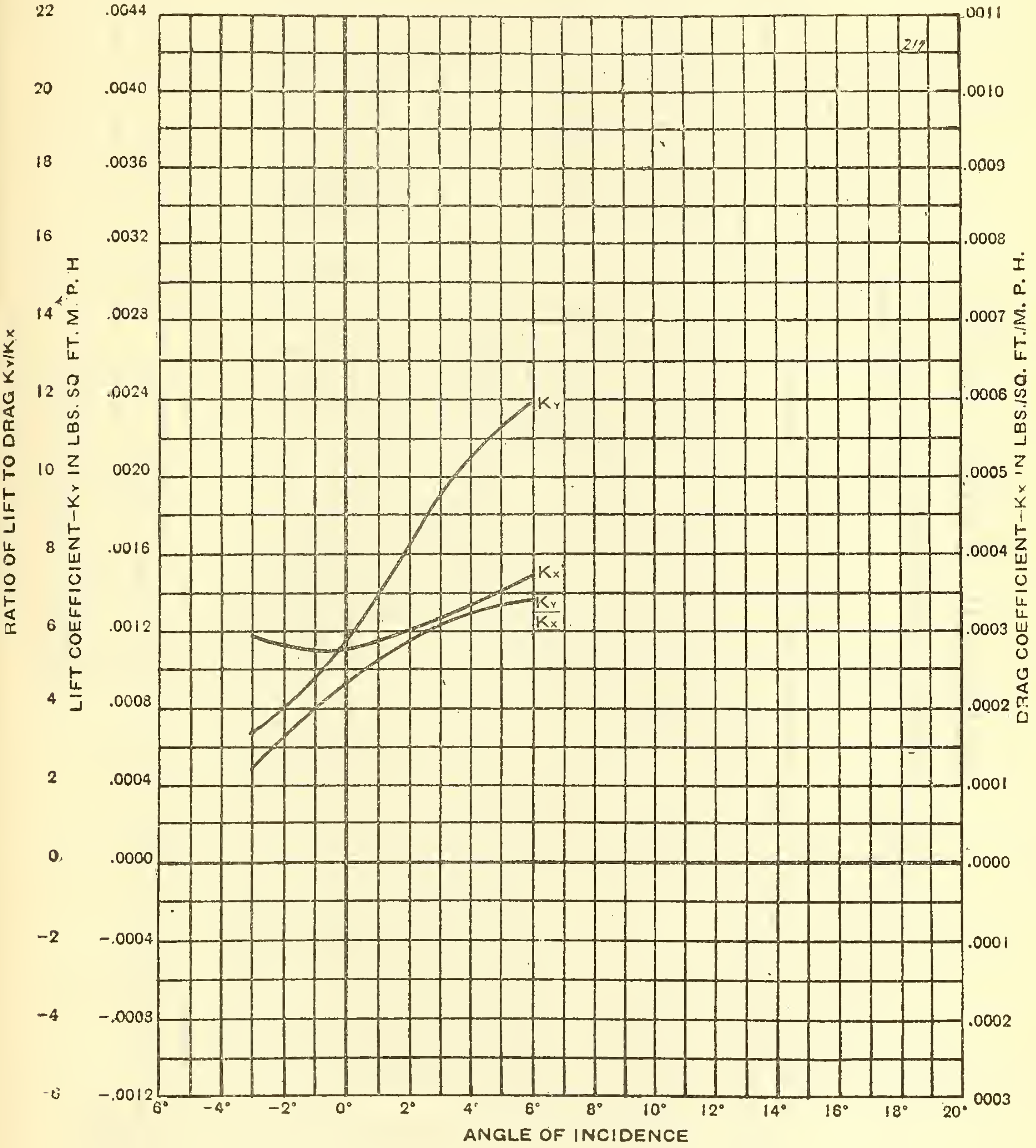


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.186	.244	.198	.113	0
Lower camber	0	.034	.0475	.0413	.024	0

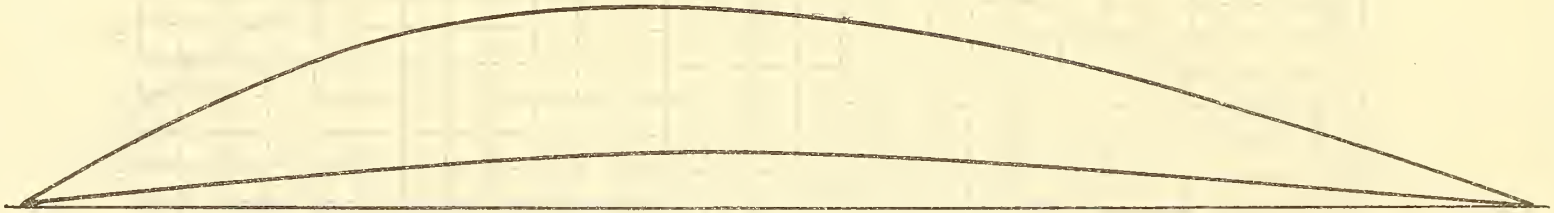
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 62.

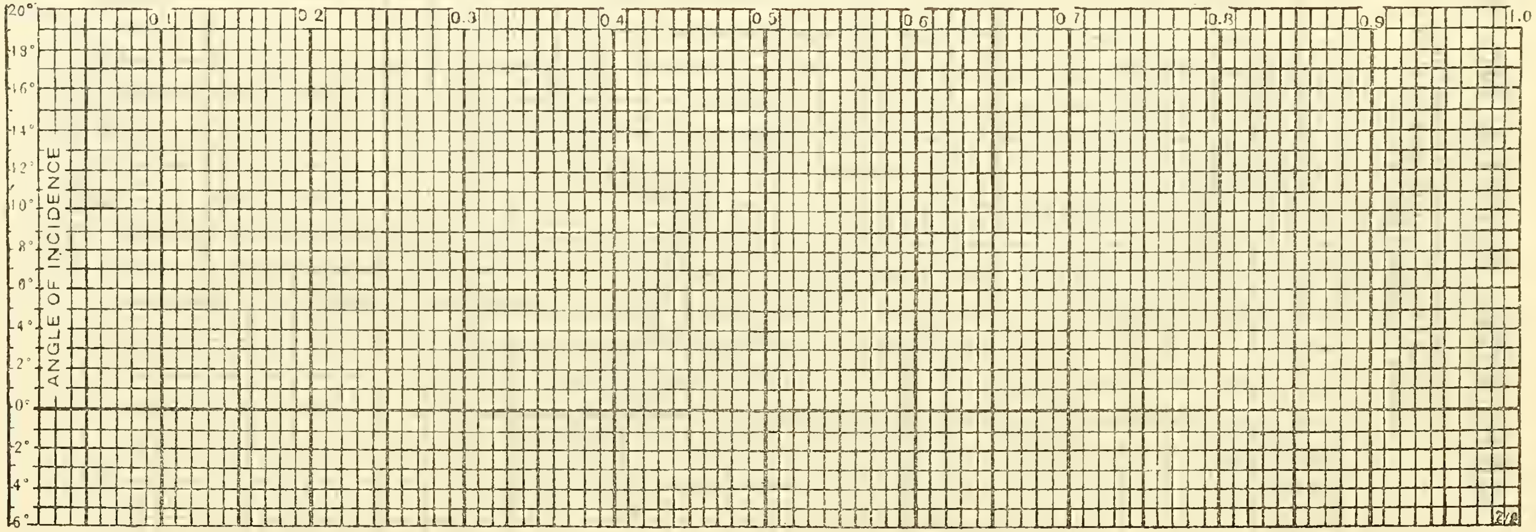
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 60.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 63.



CURVE OF CENTER OF PRESSURE TRAVEL

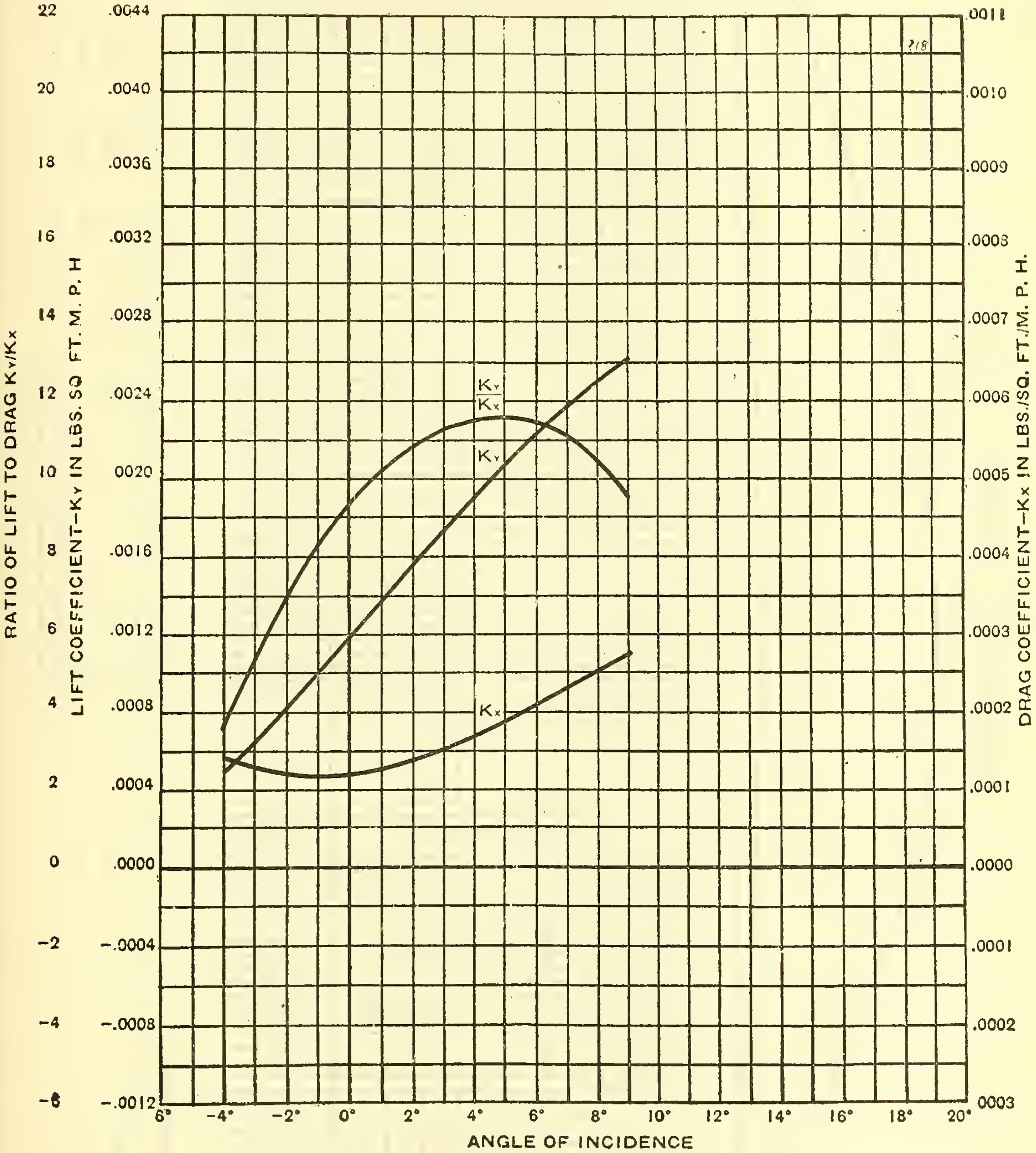


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.059	.0992	.1273	.1306	.129	.113	.092	.066	.038	0
Lower camber	0	.0115	.0212	.027	.0306	.04	.027	.0221	.016	.008	0

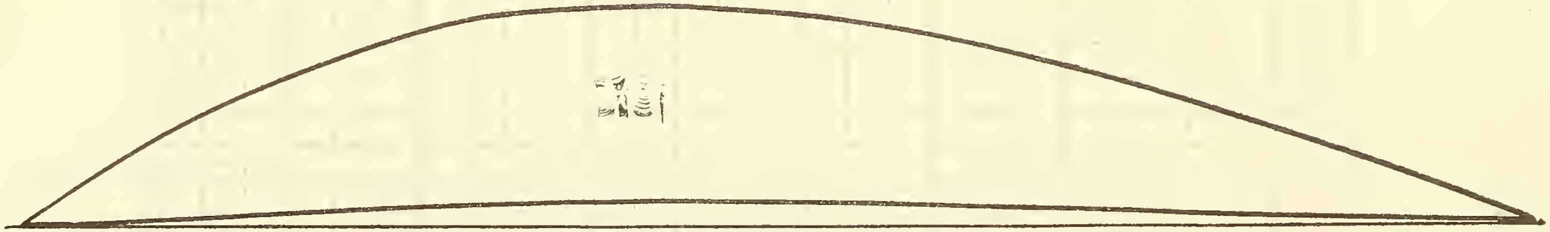
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 63.

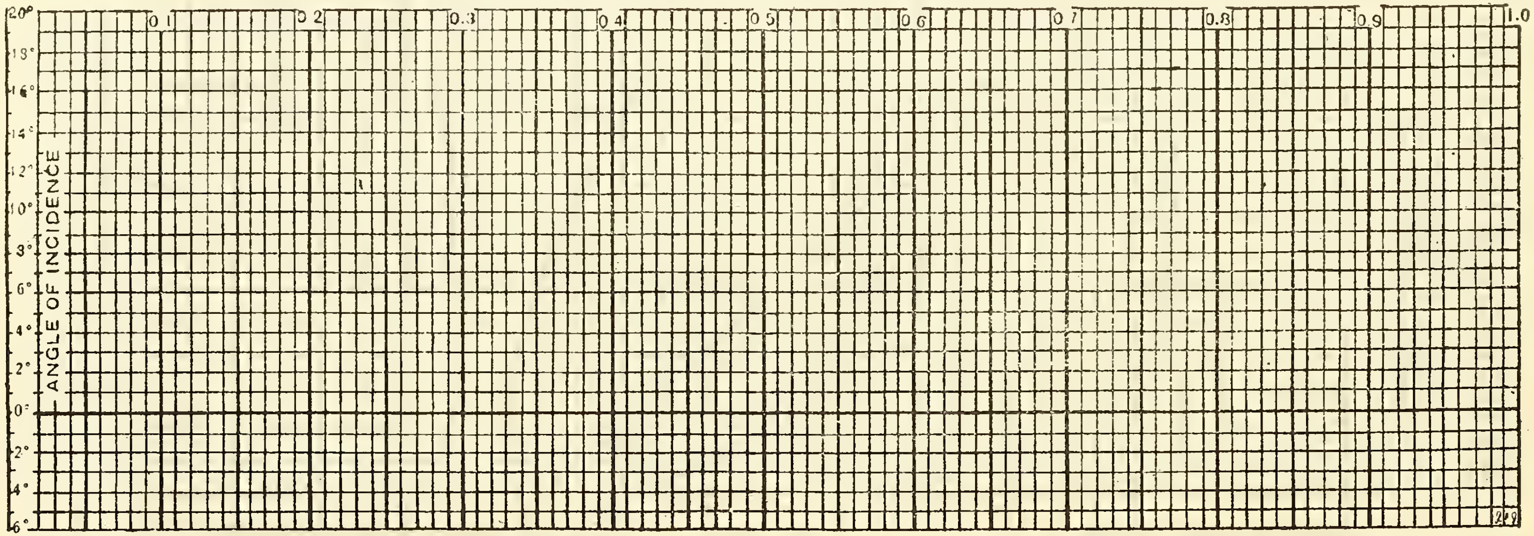
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 64.



CURVE OF CENTER OF PRESSURE TRAVEL

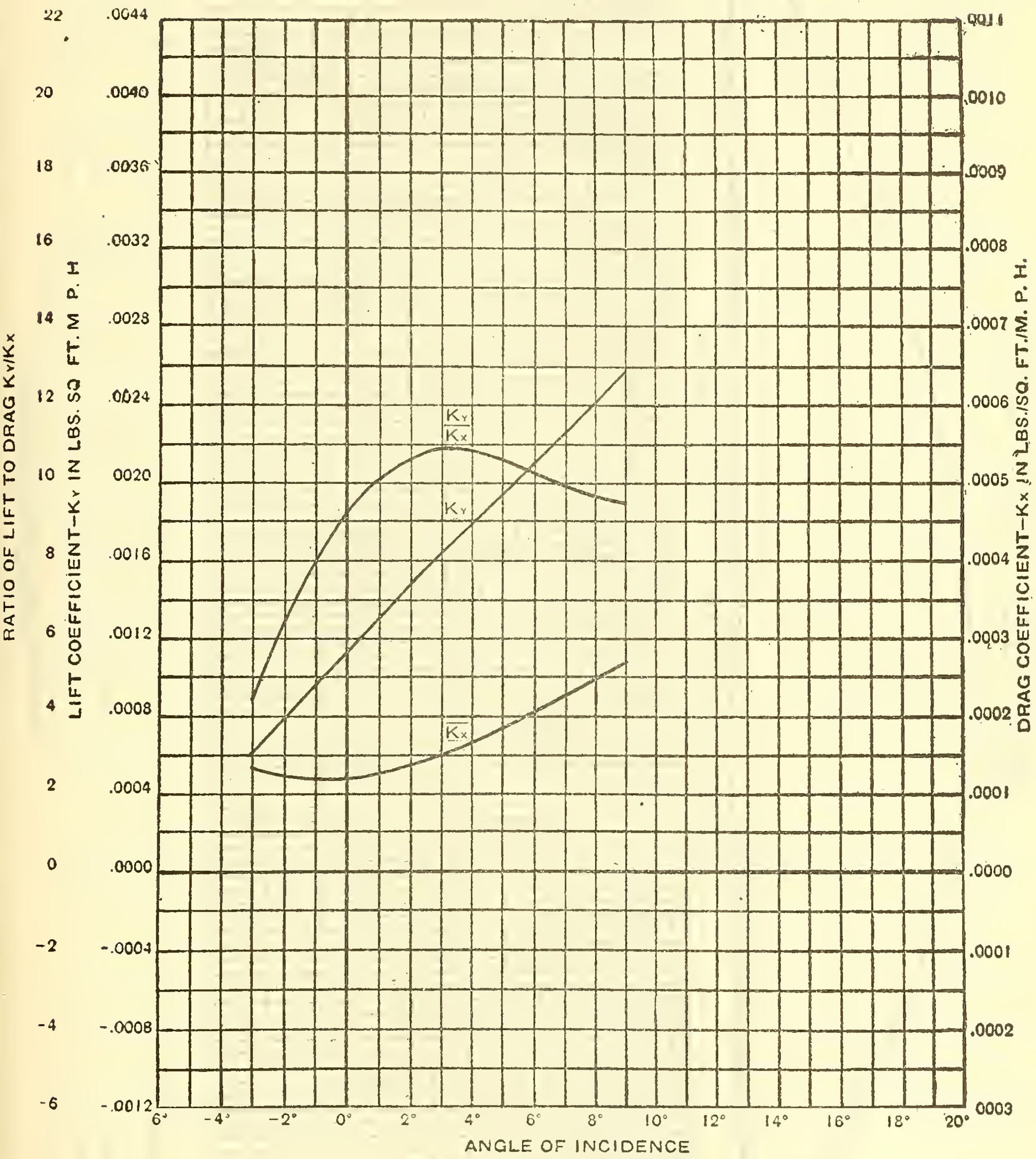


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.065	.112	.142	.1464	.1441	.127	.1035	.075	.0415	0
Lower camber	0	.005	.0082	.013	.015	.014	.013	.011	.007	.002	0

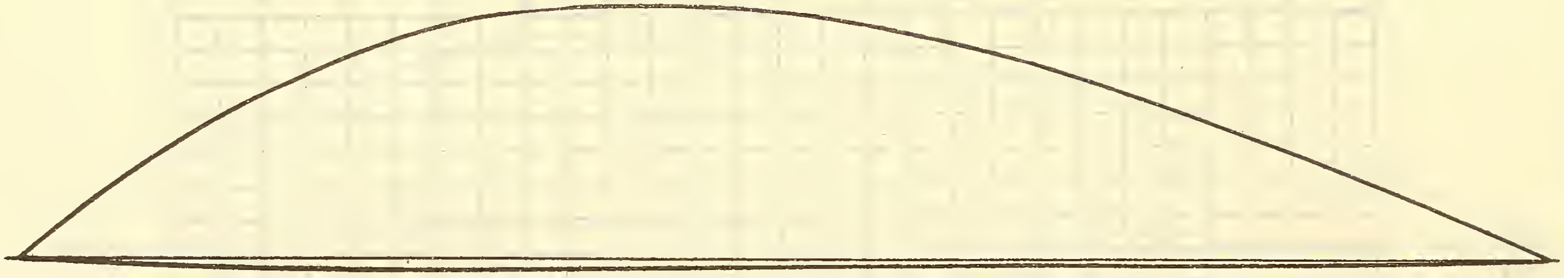
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 64.

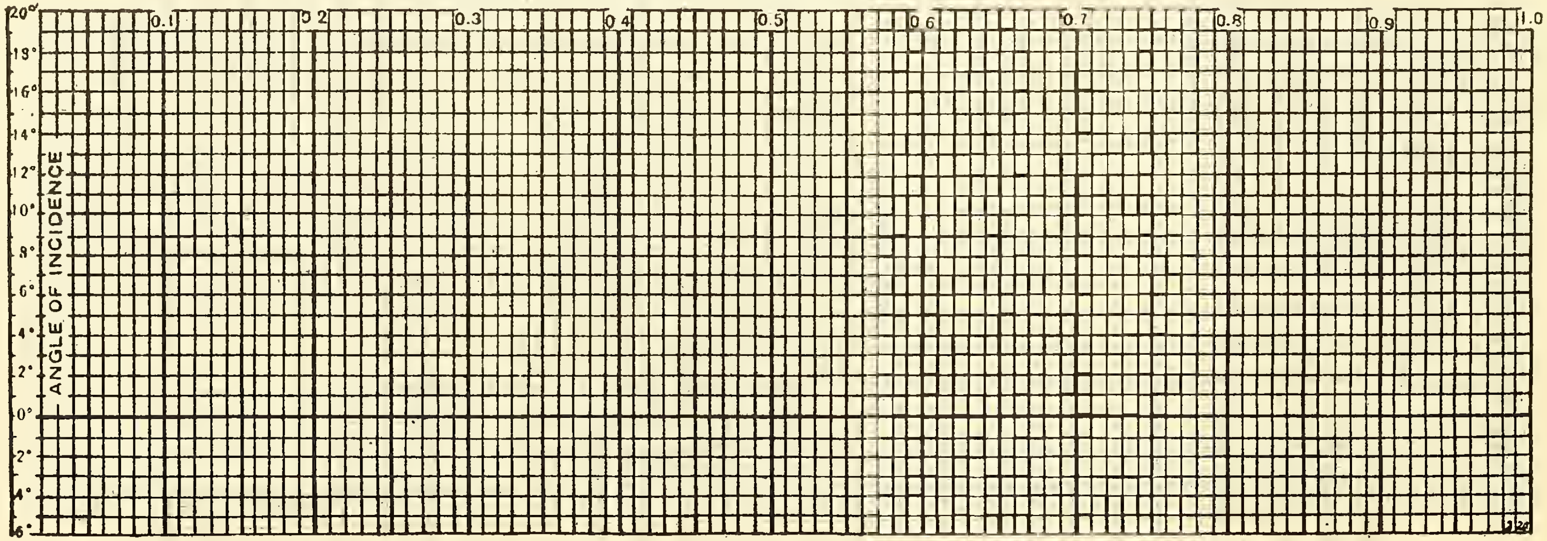
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 65.



CURVE OF CENTER OF PRESSURE TRAVEL

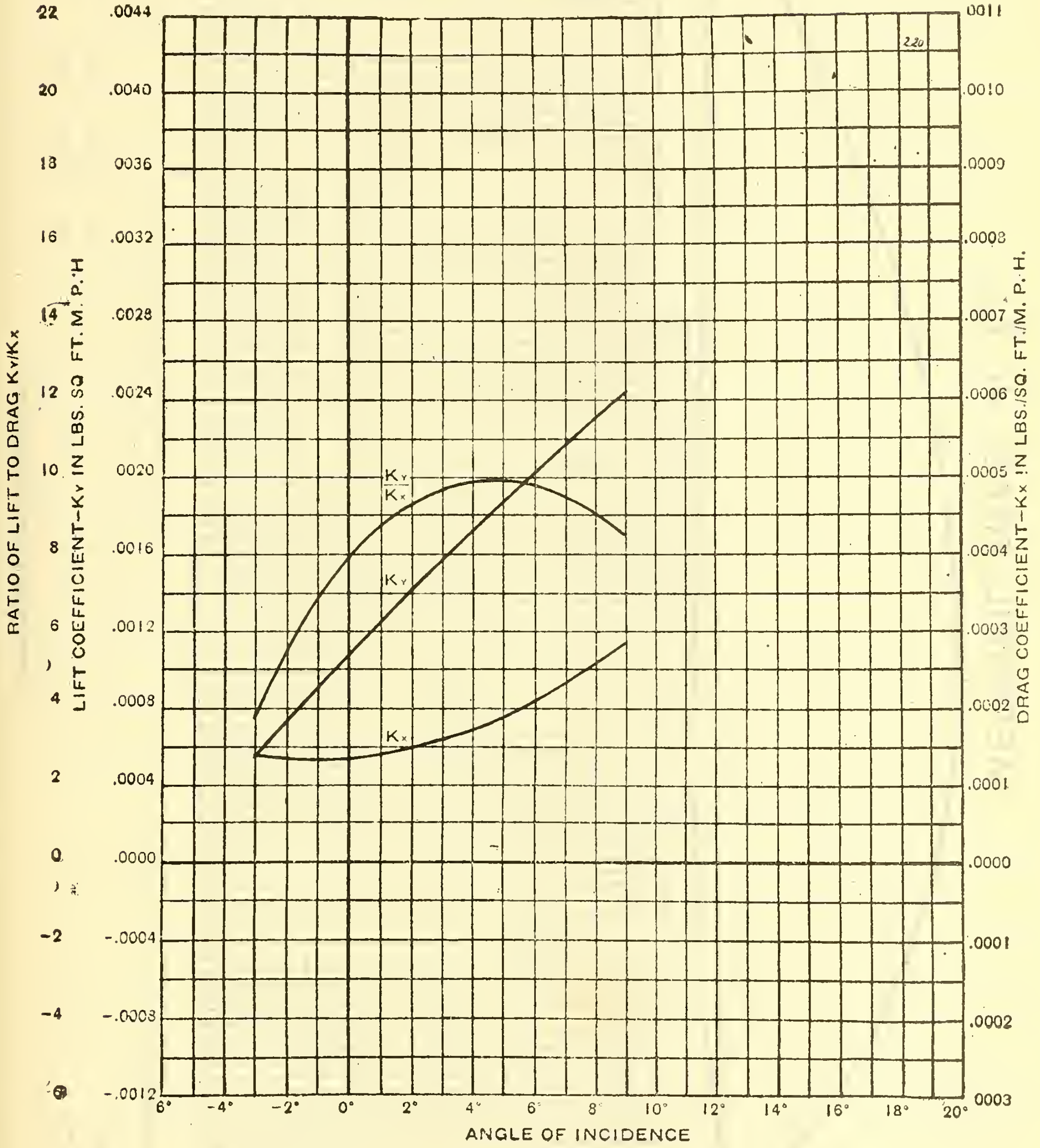


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.073	.125	.159	.1636	.161	.141	.1155	.083	.046	0
Lower camber	0	−.003	−.005	−.004	−.003	−.002	−.001	−.001	−.001	−.0005	0

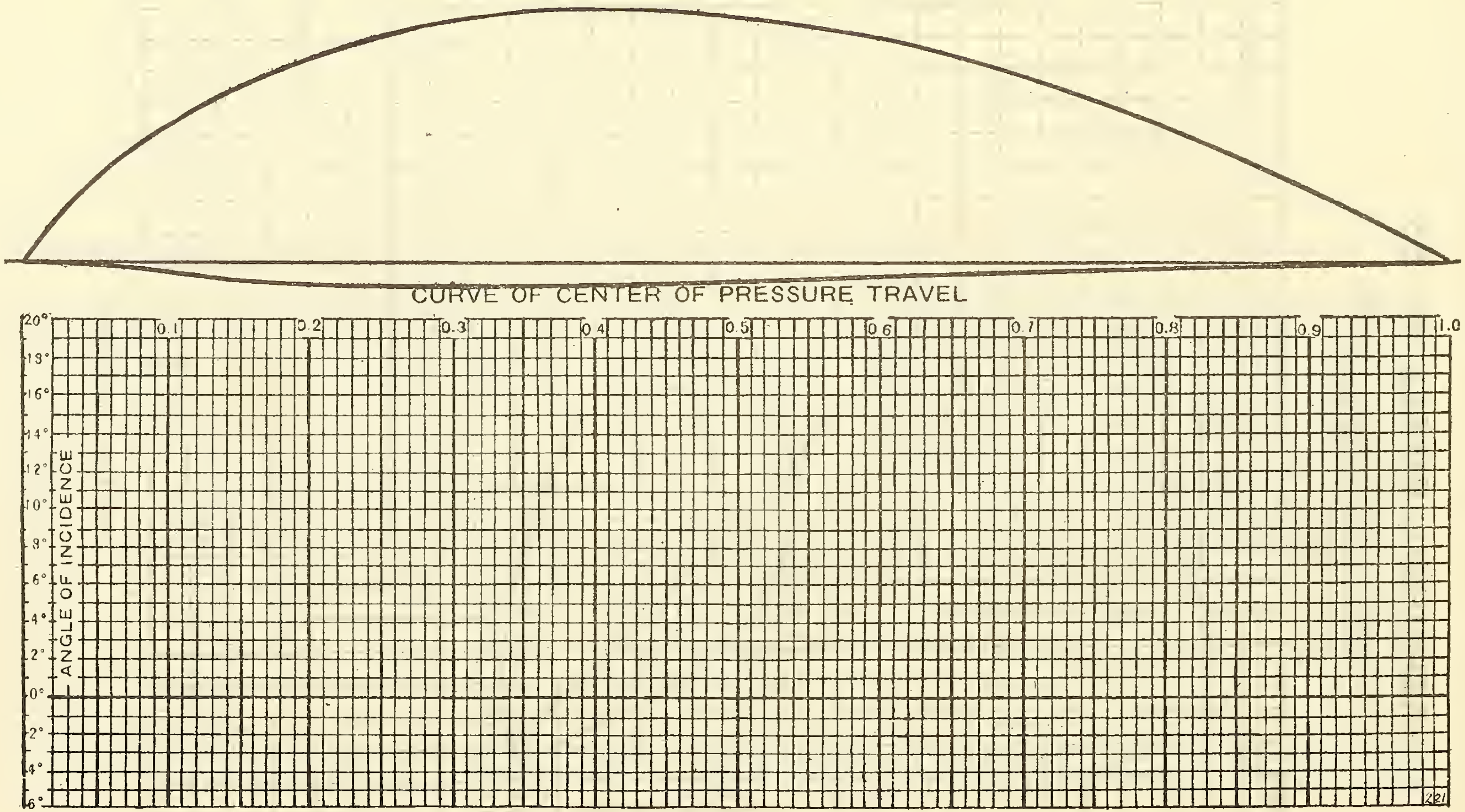
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 65.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 66.

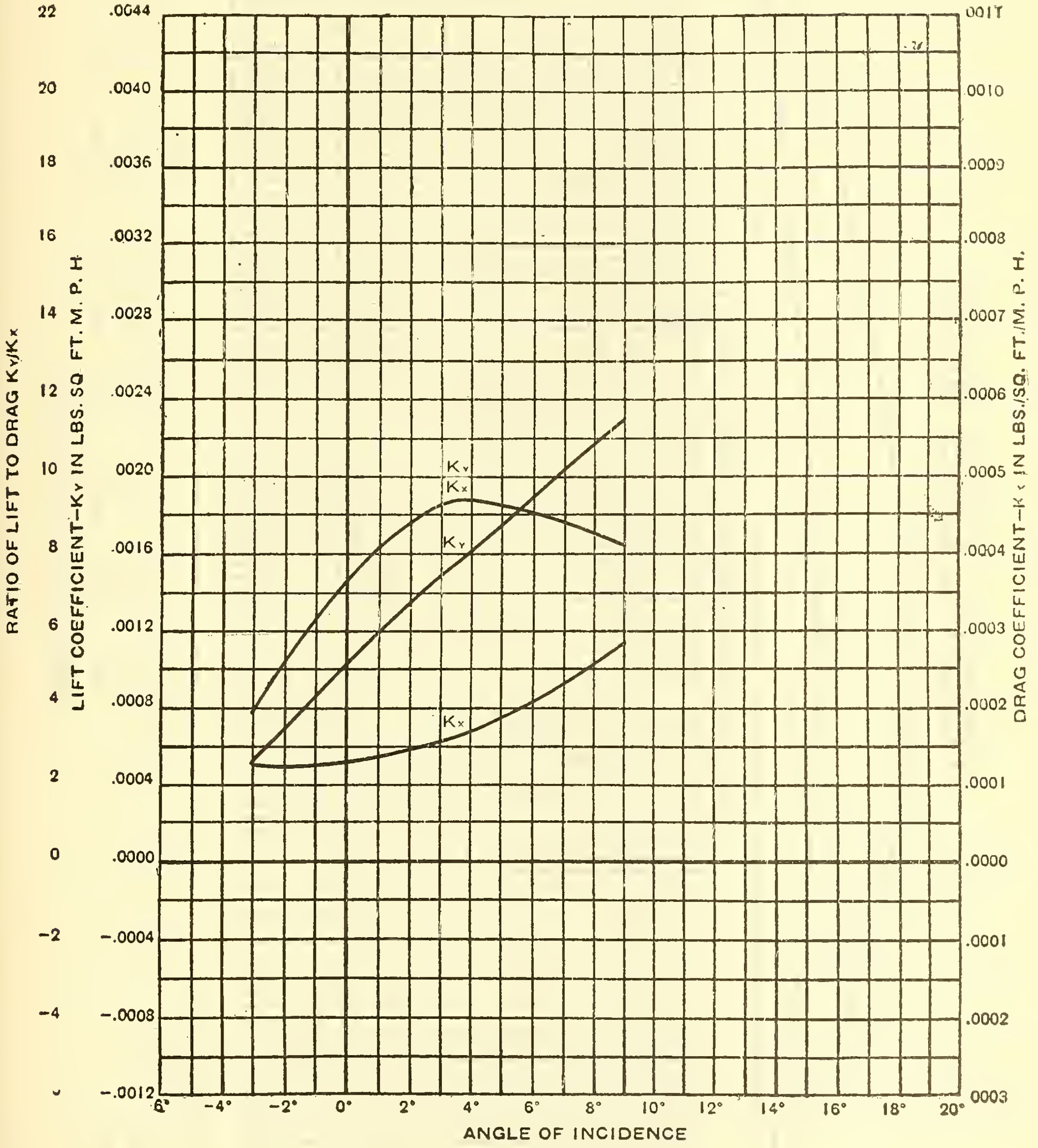


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.139	.186	.156	.092	0
Lower camber	0	−.019	−.0183	−.016	−.001	0

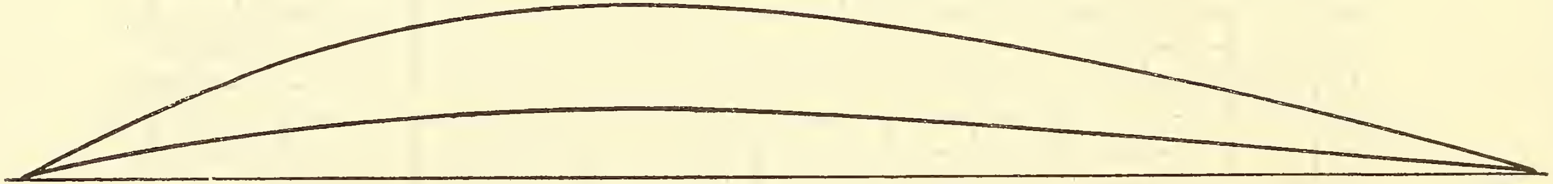
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 66.

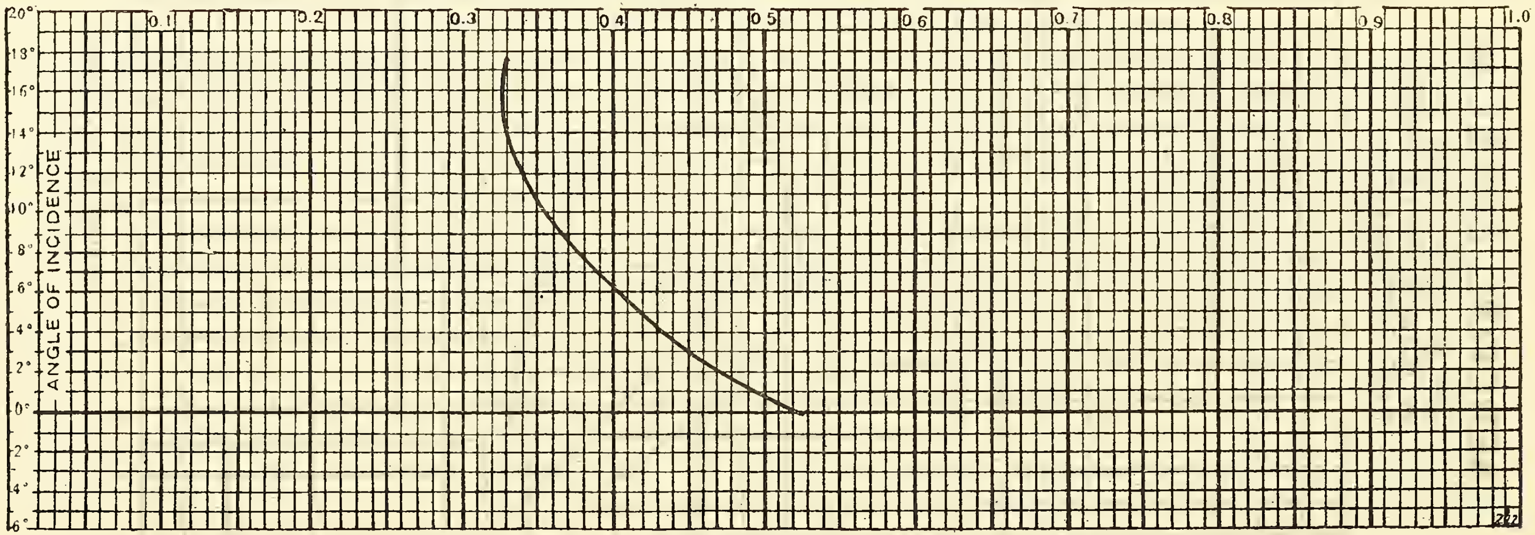
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 67.



CURVE OF CENTER OF PRESSURE TRAVEL

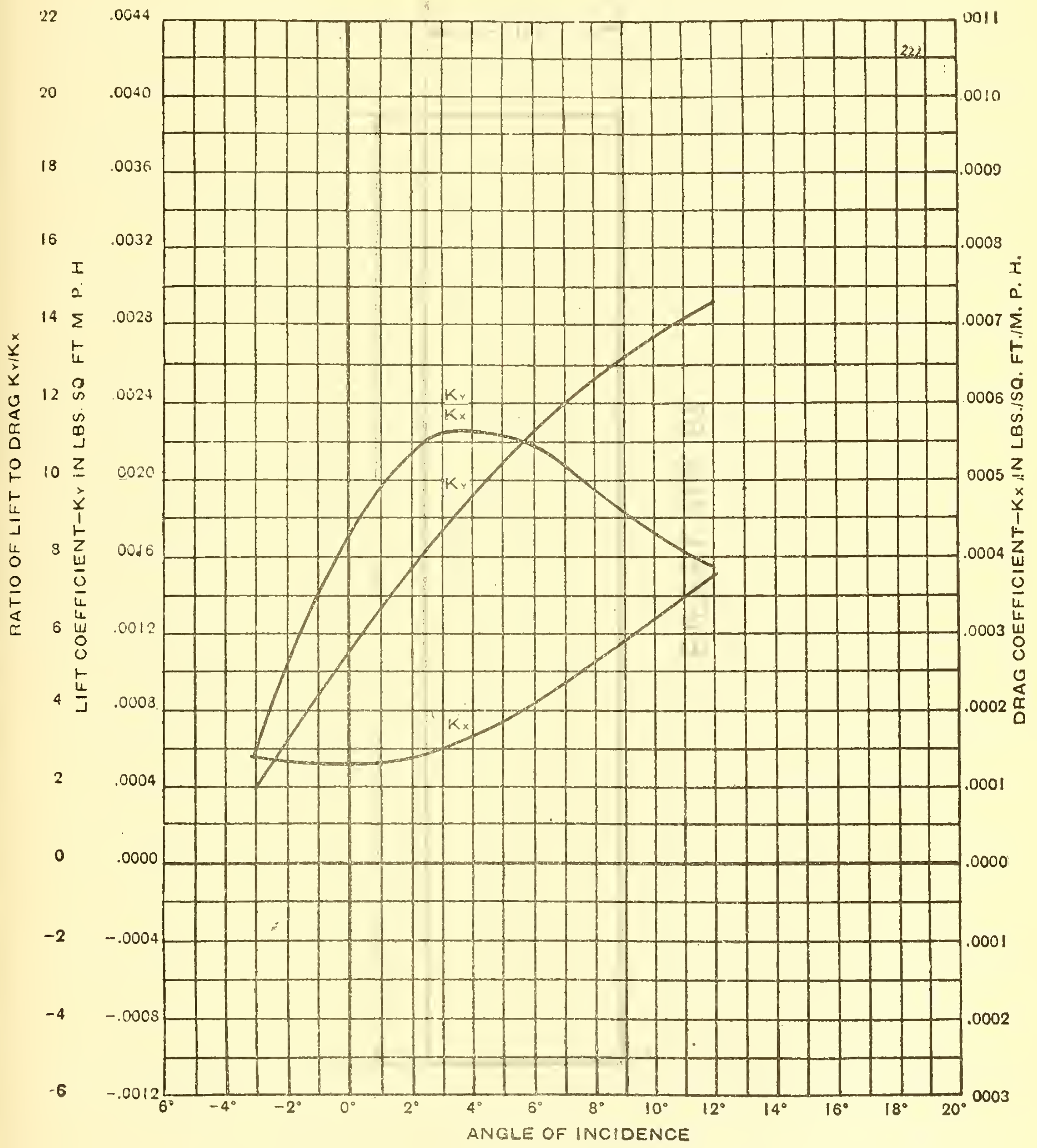


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.085	.106	.113	.108	.095	.0775	.056	.0313	0
Lower camber	0	.0233	.0332	.0405	.046	.0426	.0371	.0291	.022	.0113	0

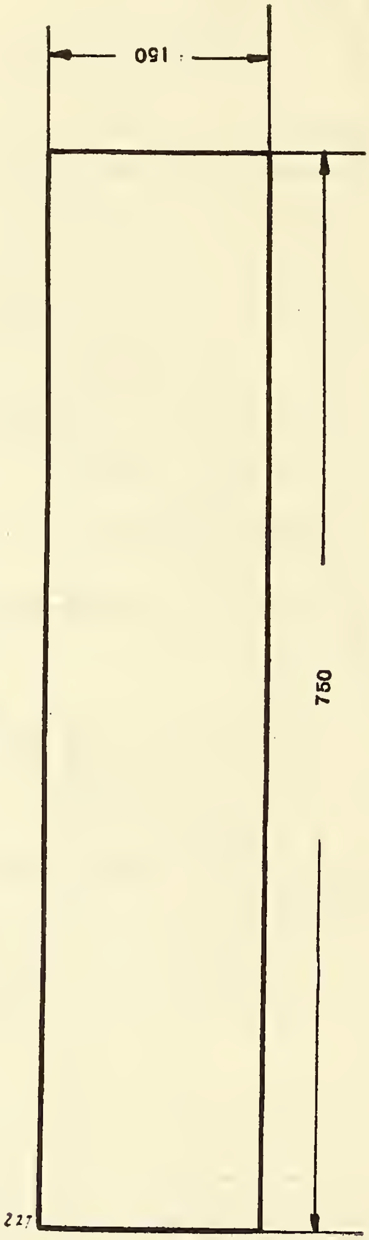
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 67.

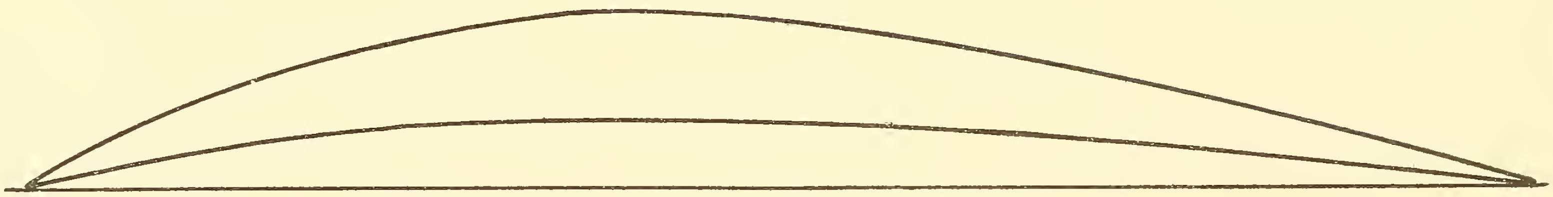
SIZE OF MODEL, 750 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



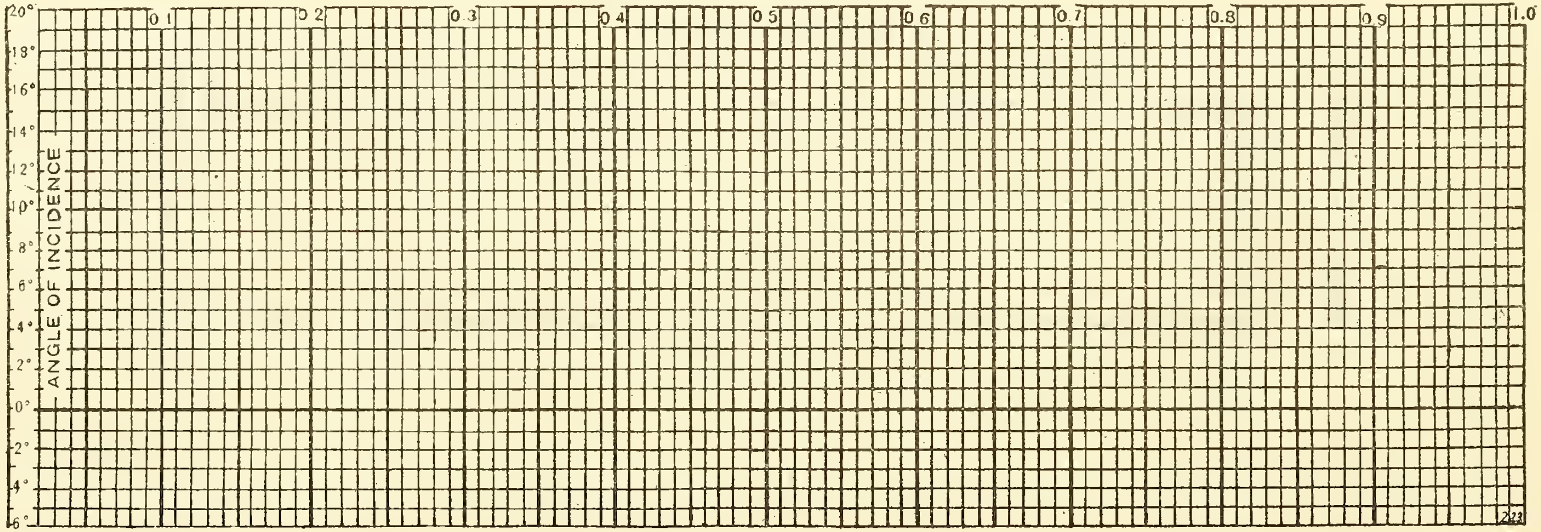
EIFFEL No. 67.



AEROFOIL, EIFFEL No. 68.



CURVE OF CENTER OF PRESSURE TRAVEL

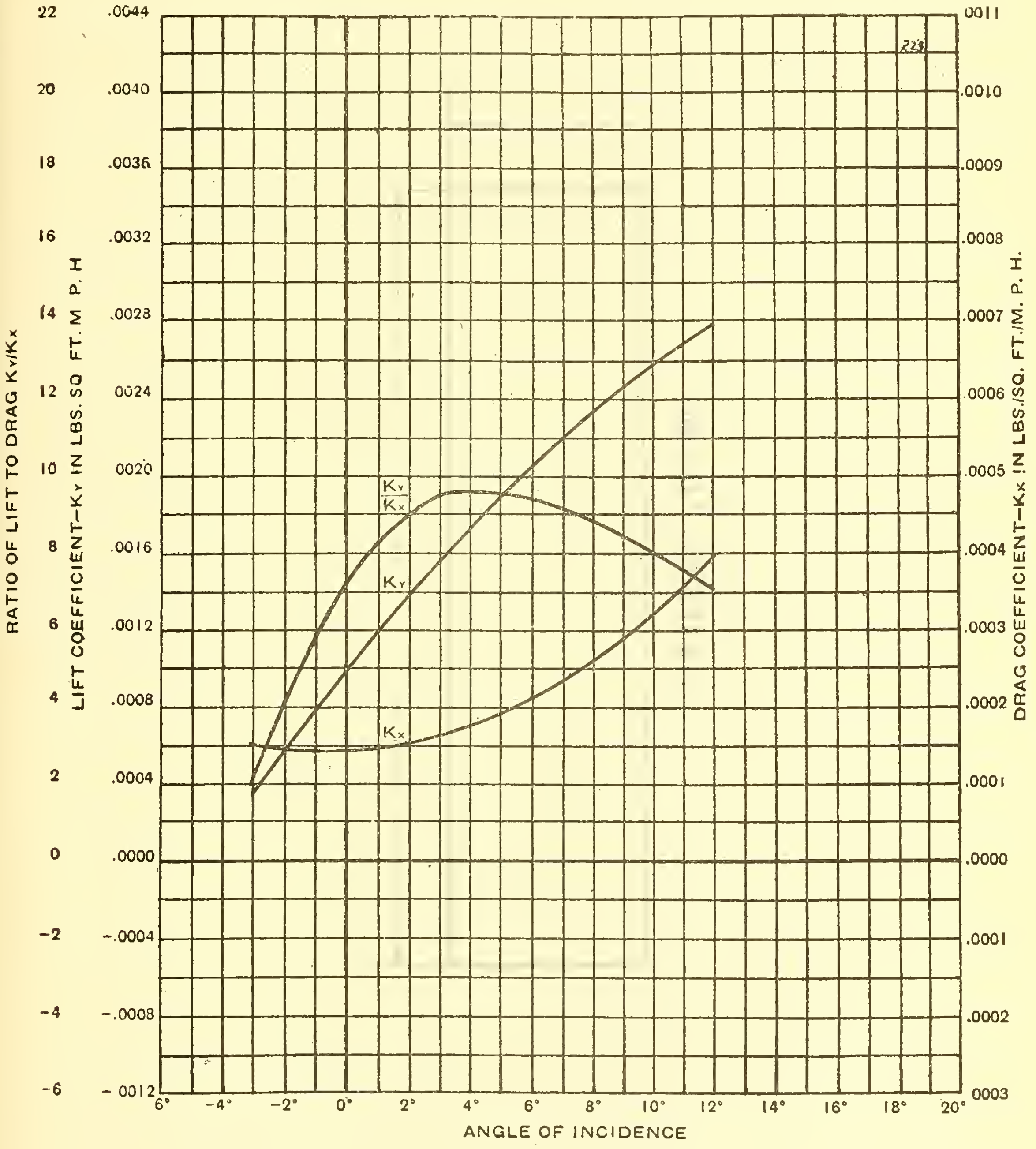


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.085	.106	.113	.108	.095	.0775	.056	.0313	0
Lower camber	0	.0233	.0332	.0405	.046	.0426	.0371	.0291	.022	.0113	

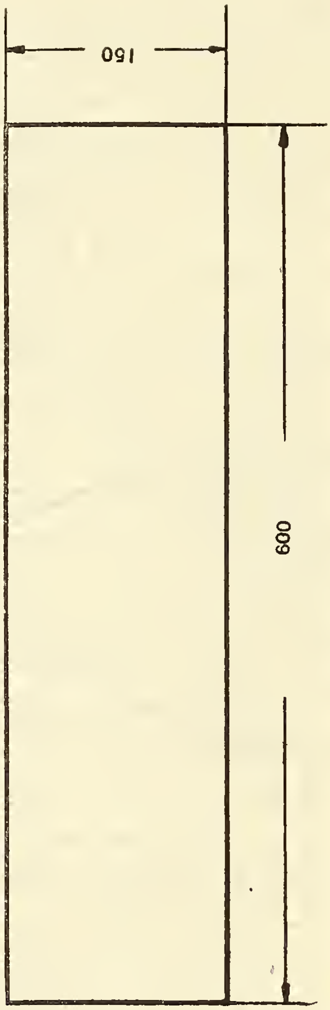
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 68.

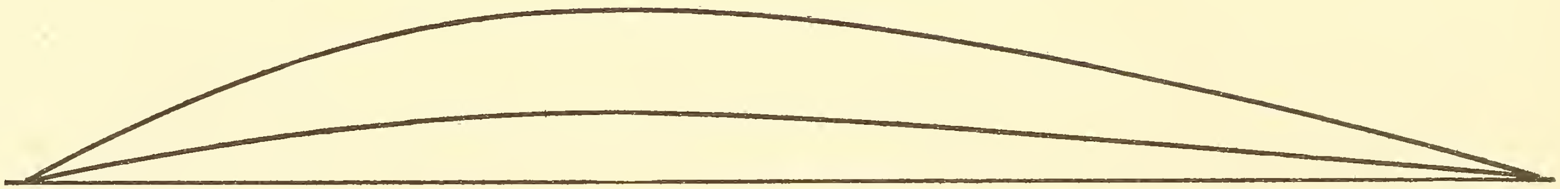
SIZE OF MODEL, 600 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



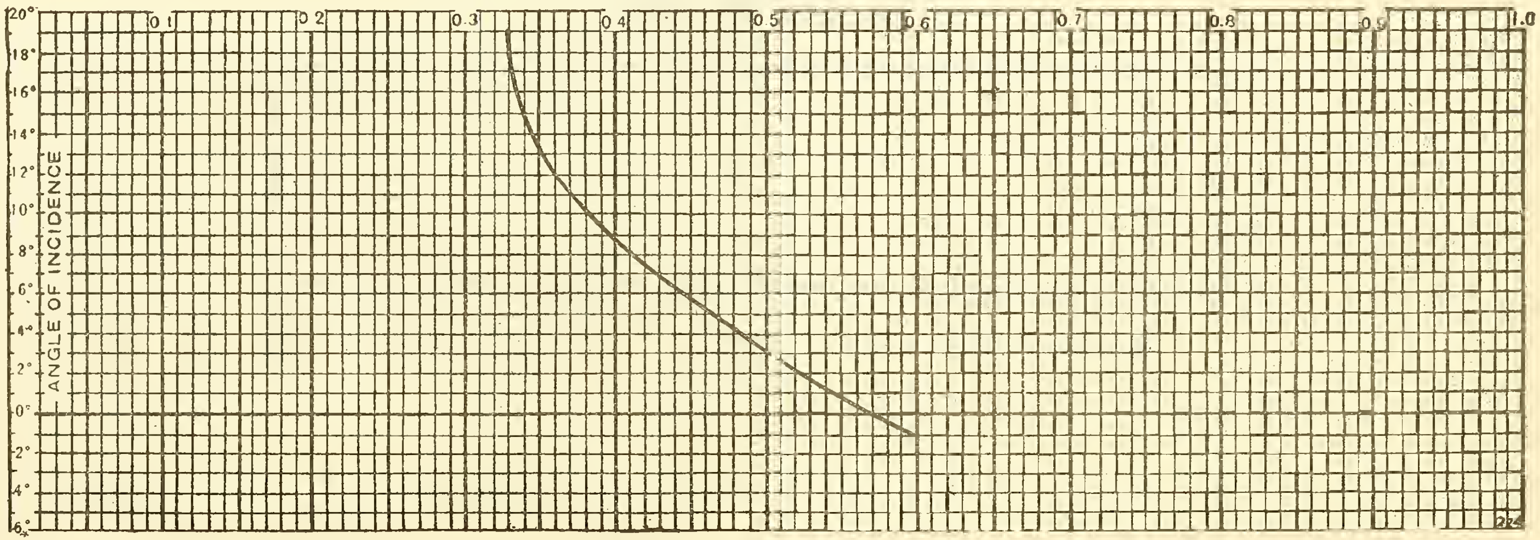
EIFFEL NO. 68.



AEROFOIL, EIFFEL No. 69.



CURVE OF CENTER OF PRESSURE TRAVEL

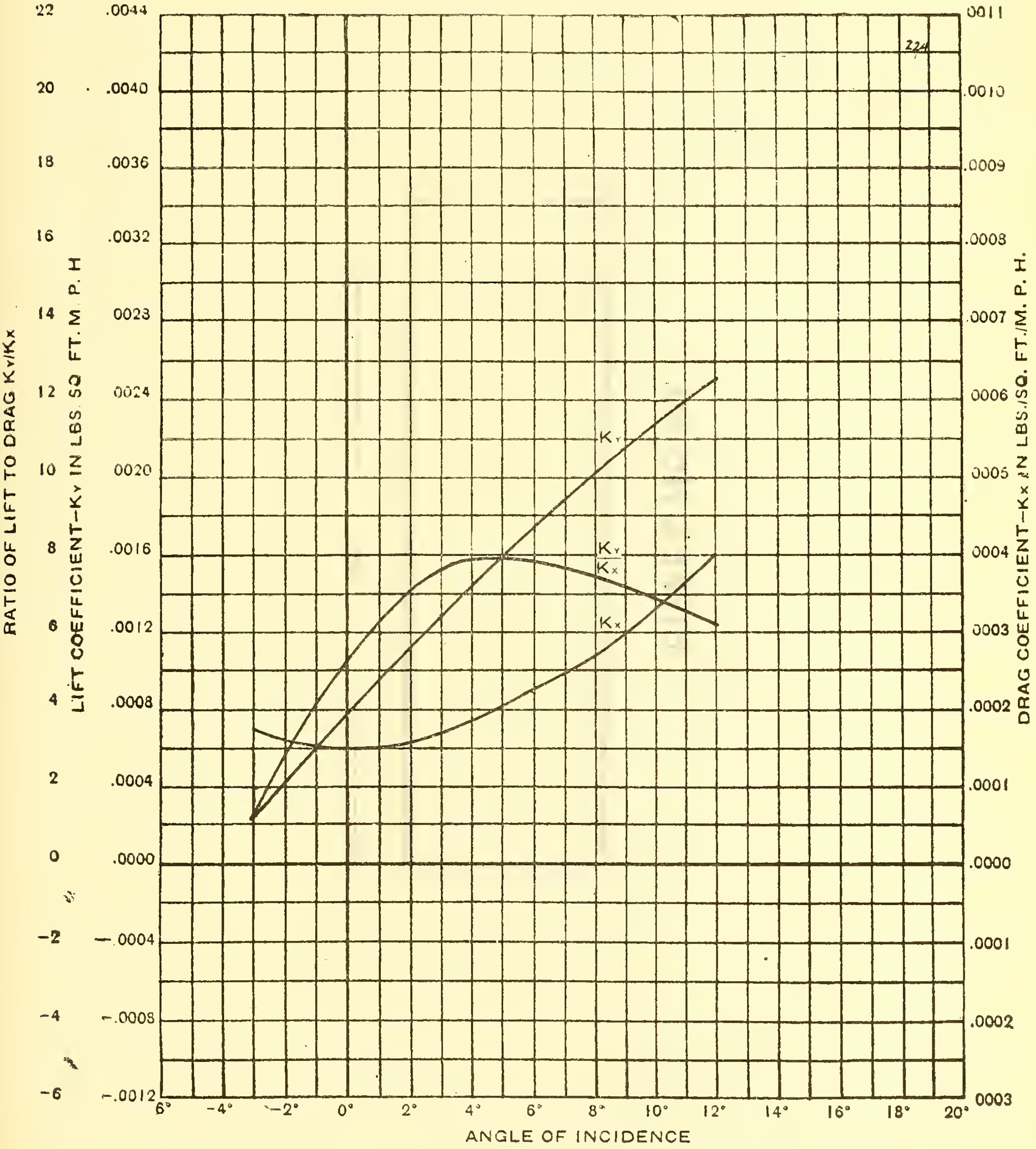


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.085	.106	.113	.108	.095	.0775	.056	.0313	0
Lower camber	0	.0233	.0332	.0405	.046	.0426	.0371	.0291	.022	.0113	0

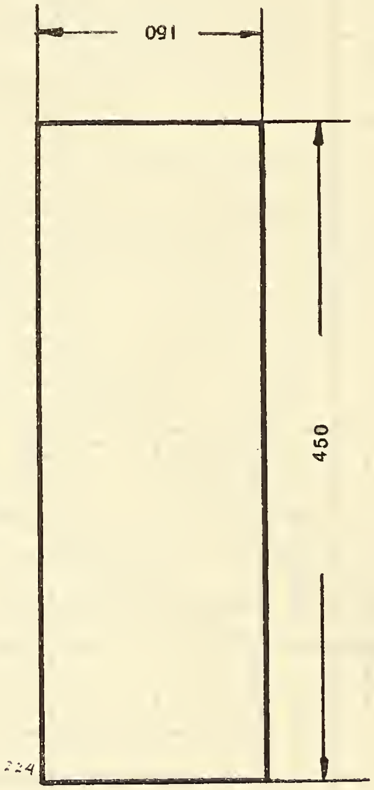
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 69.

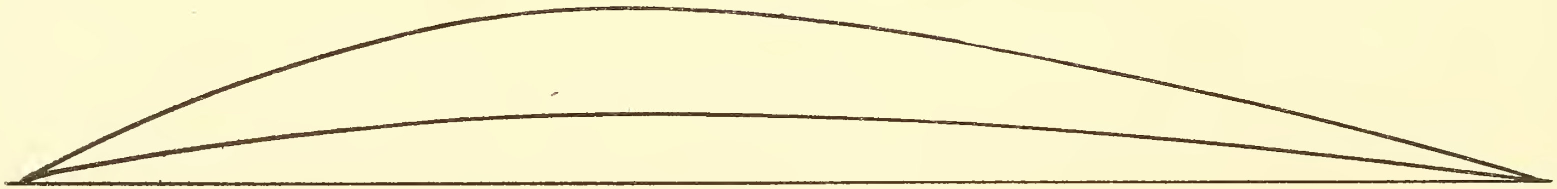
SIZE OF MODEL, 450 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



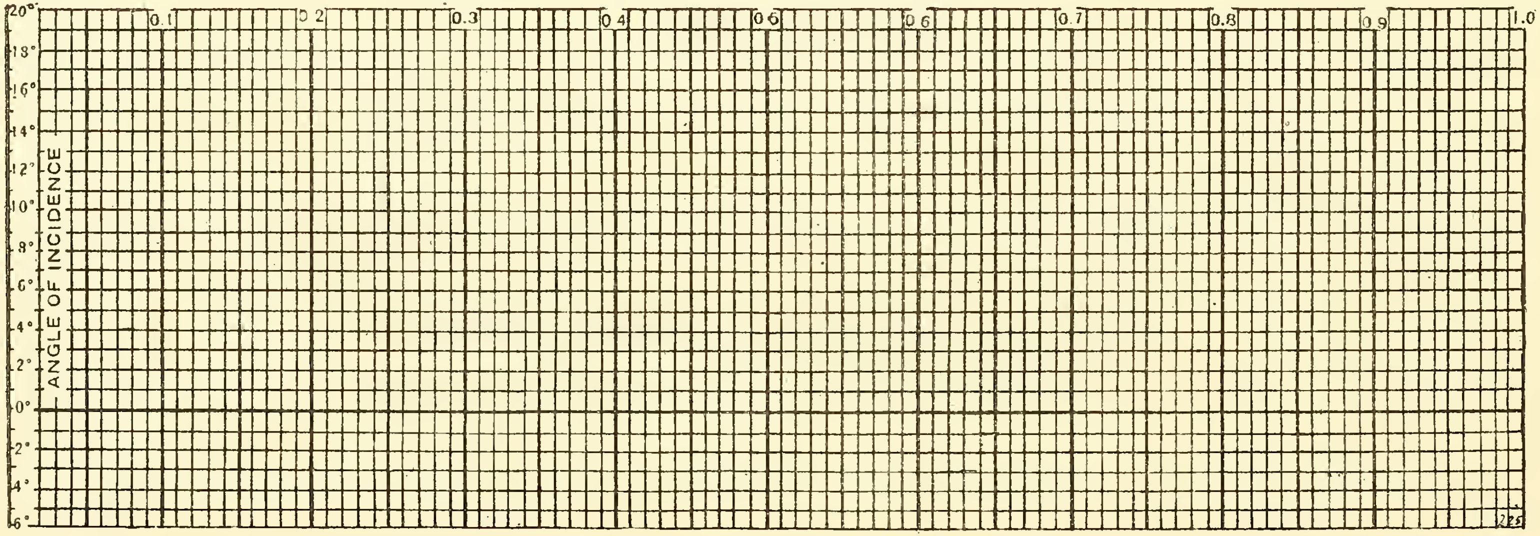
EIFFEL No. 69.



AEROFOIL, EIFFEL No. 70.



CURVE OF CENTER OF PRESSURE TRAVEL

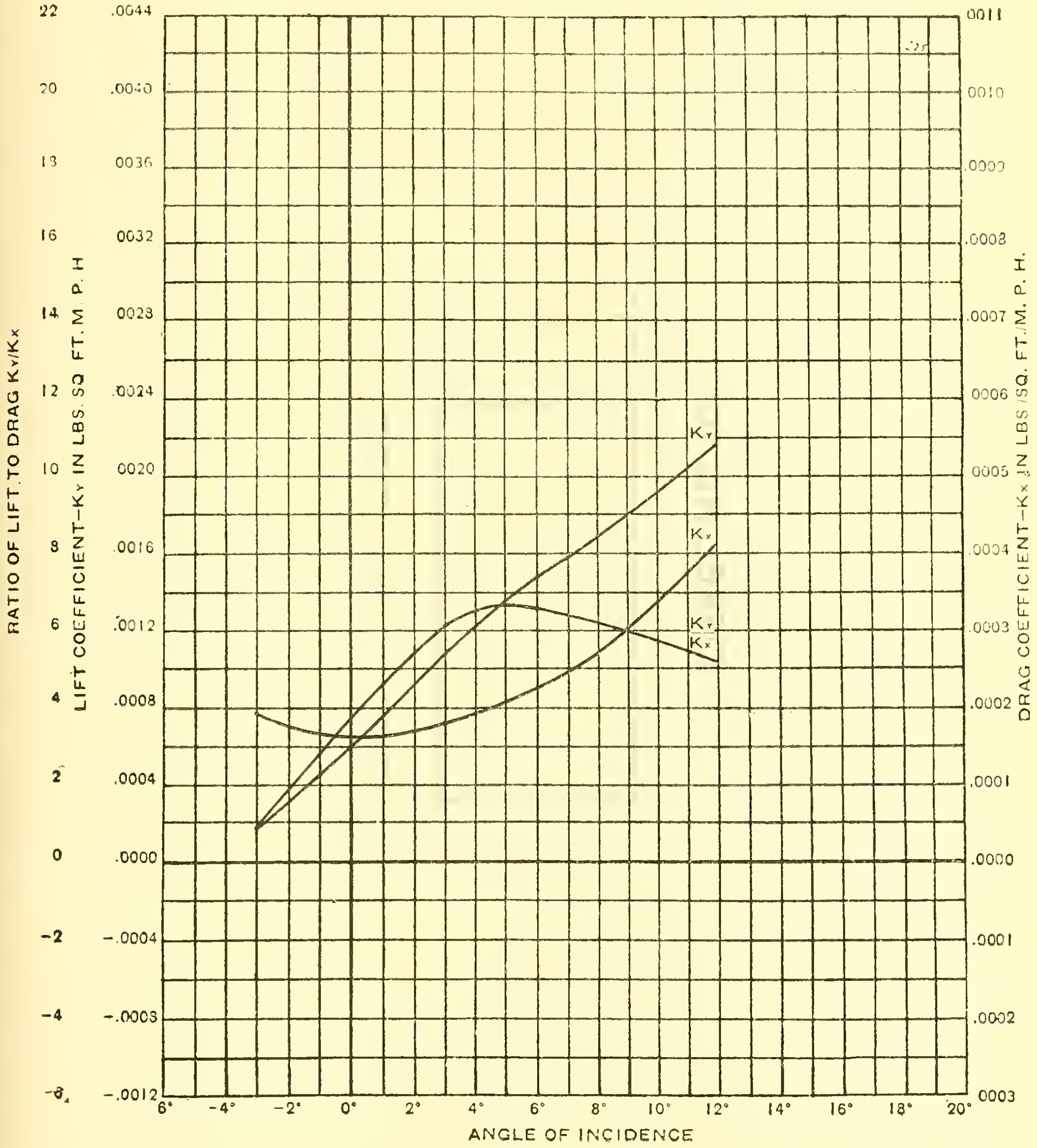


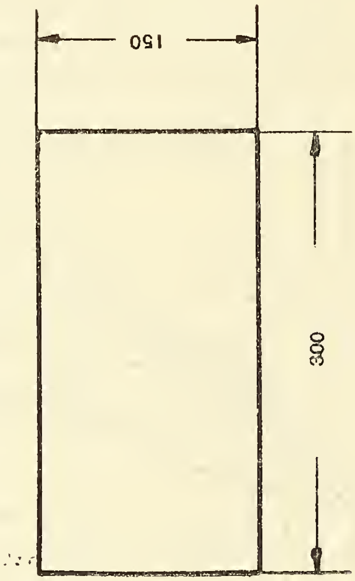
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.05	.085	.106	.113	.108	.095	.0775	.056	.0313	0
Lower camber	0	.0233	.0332	.0405	.046	.0426	.0371	.0291	.022	.0113	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 70.

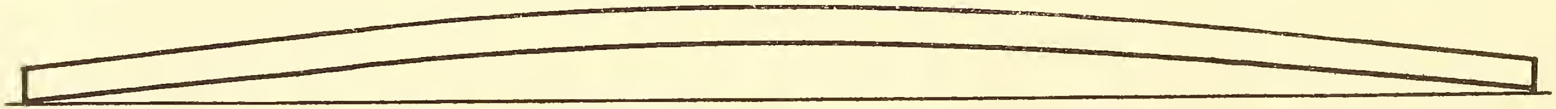
SIZE OF MODEL, 300 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



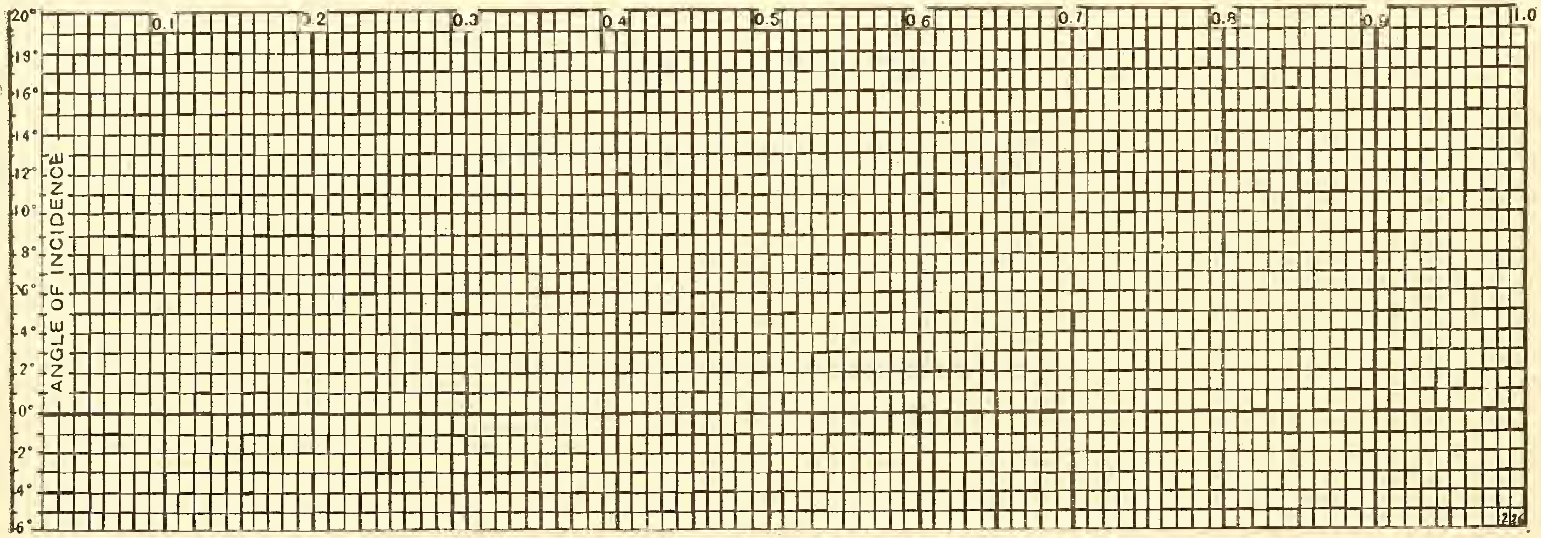


EIFFEL No. 70.

AEROFOIL, EIFFEL No. 71.



CURVE OF CENTER OF PRESSURE TRAVEL

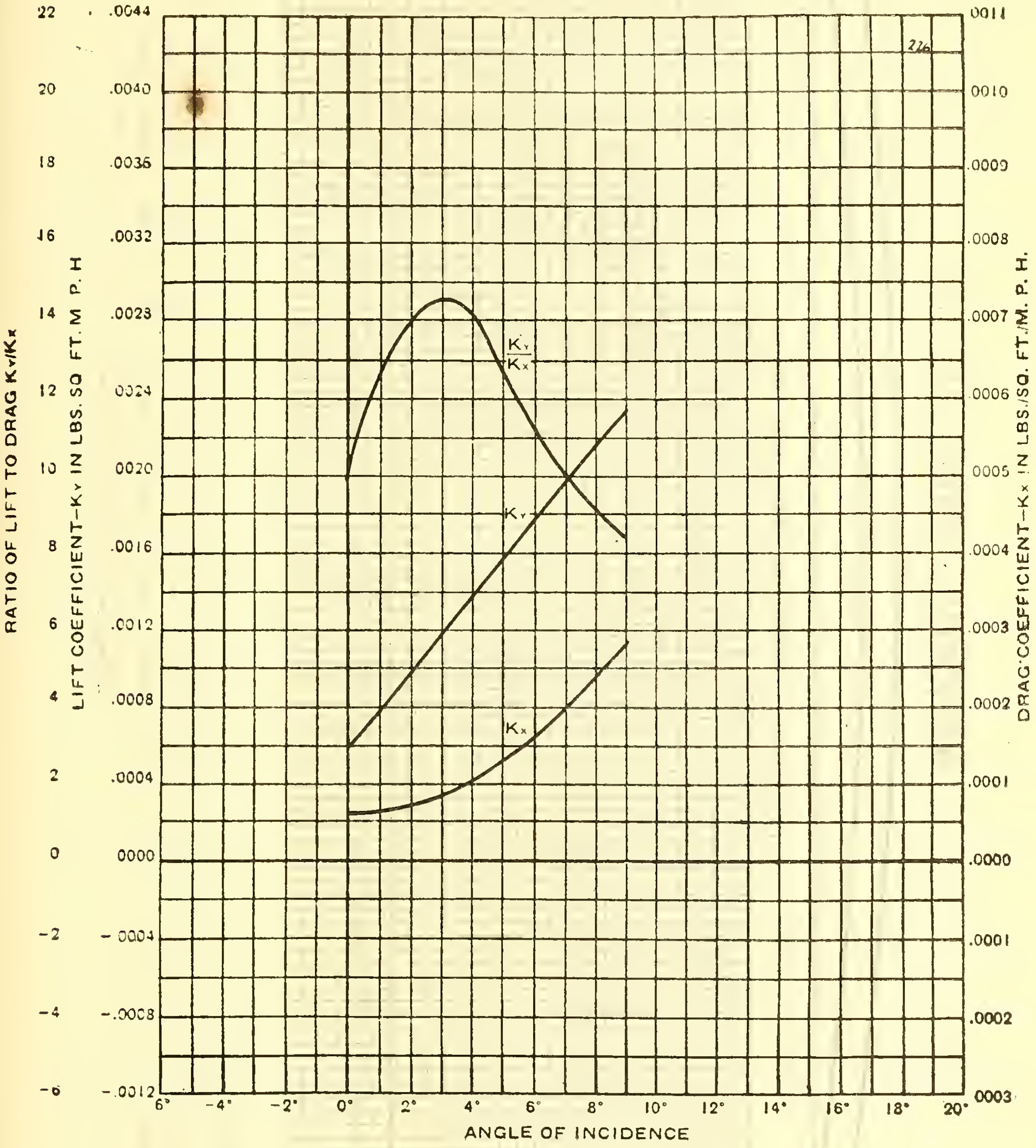


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.027	.033	.0467	.0533	.0573	.06	.0573	.0533	.0467	.033	.027
Lower camber	0	.0134	.023	.0294	.0306	.033	.0306	.0294	.023	.0134	0

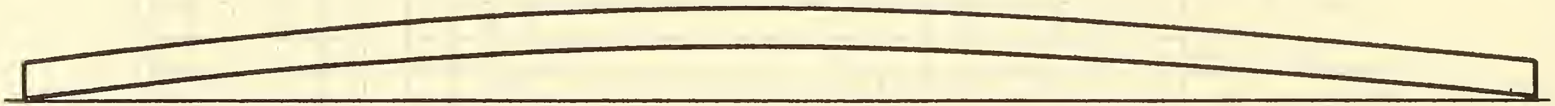
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 71.

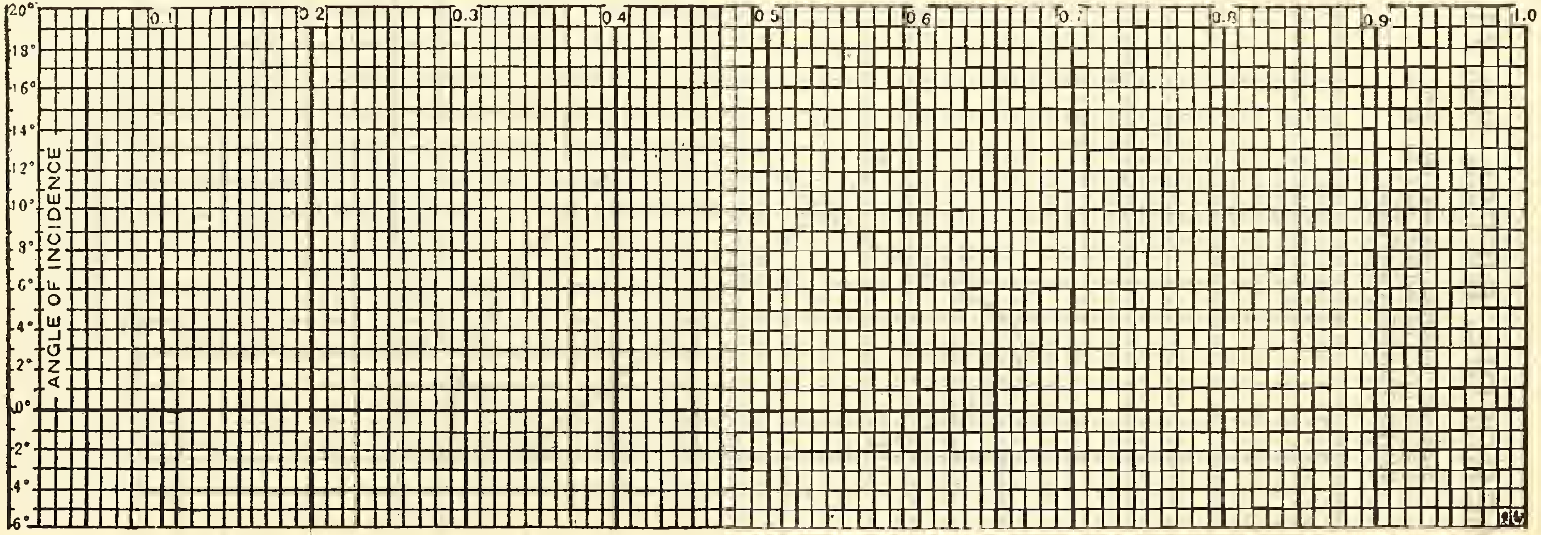
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 44.7 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 72.



CURVE OF CENTER OF PRESSURE TRAVEL

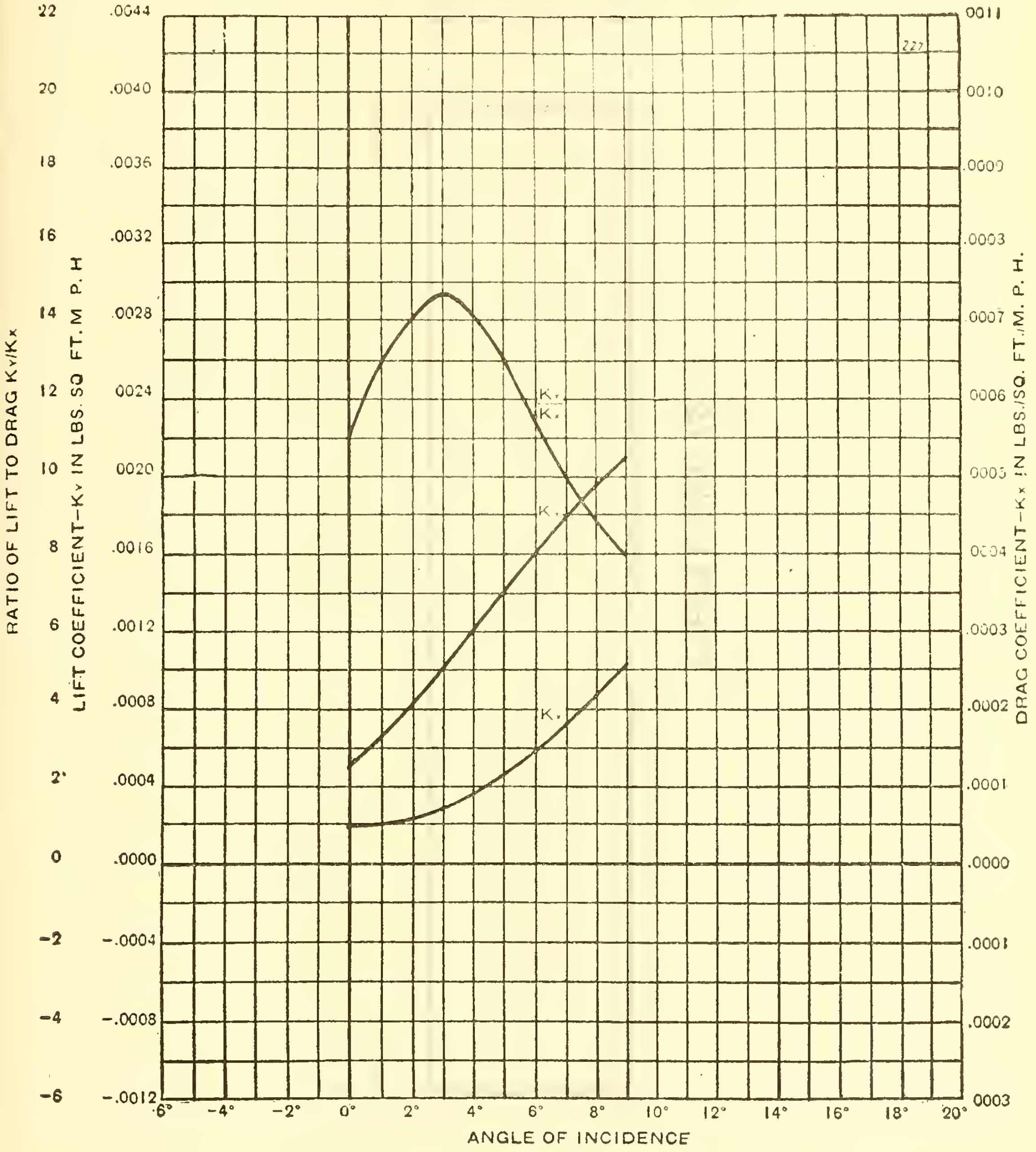


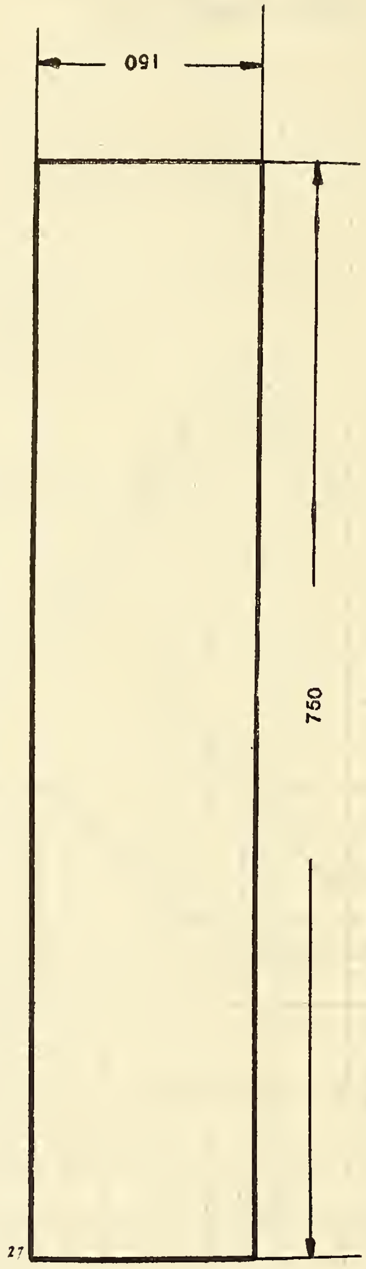
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.027	.033	.0467	.0533	.0573	.06	.0573	.0533	.0467	.033	.027
Lower camber	0	.0134	.023	.0294	.0306	.033	.0306	.0294	.023	.0134	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 72.

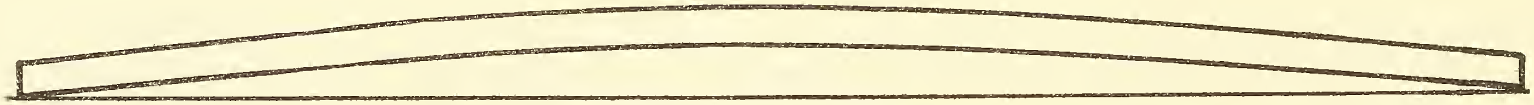
SIZE OF MODEL, 750 BY 150 MM.
VELOCITY OF WIND, 54.5 M. P. H.
WIND TUNNEL, EIFFEL.



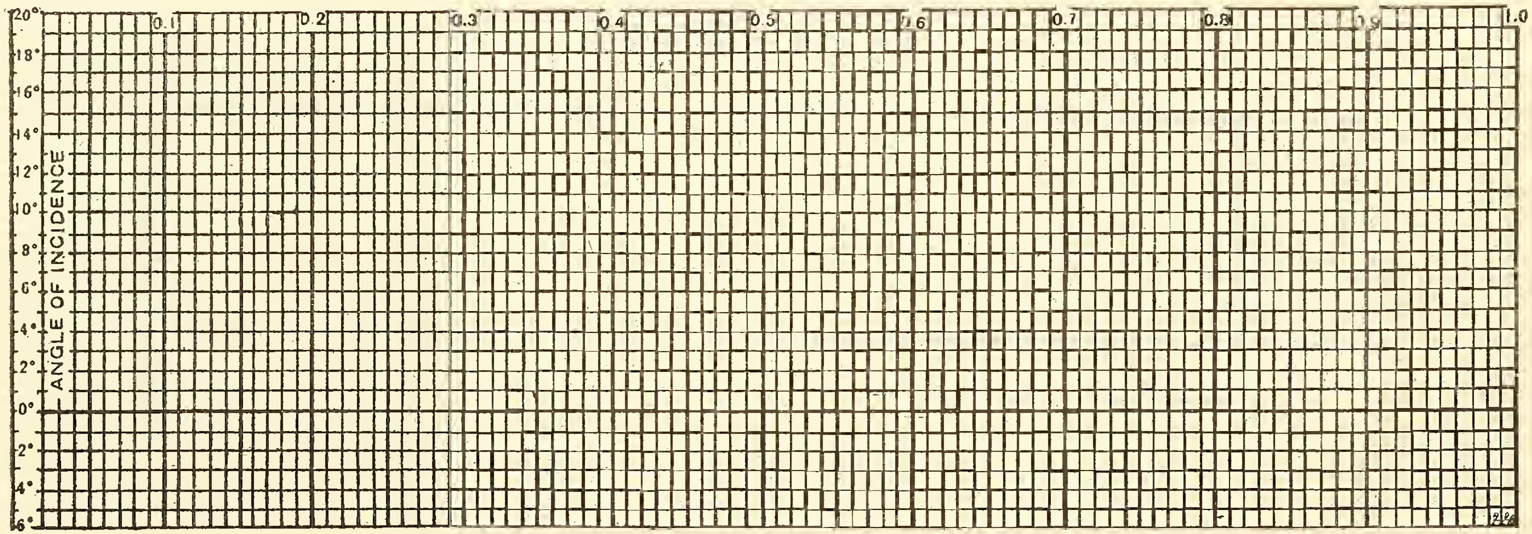


EIFFEL No. 72.

AEROFOIL, EIFFEL No. 73



CURVE OF CENTER OF PRESSURE: TRAVEL

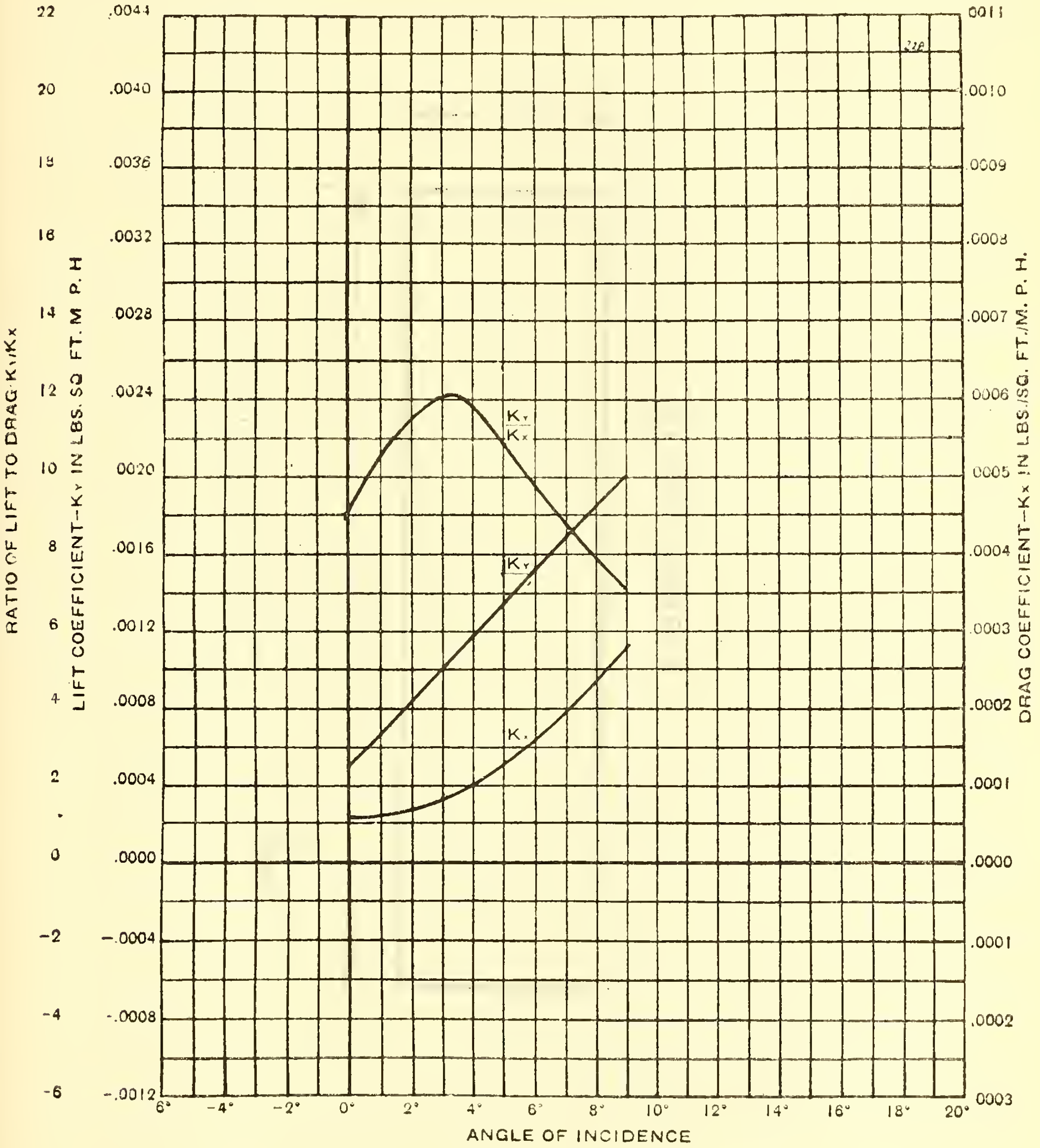


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.027	.033	.0467	.0533	.0573	.06	.0573	.0533	.0467	.033	.027
Lower camber	0	.0134	.023	.0294	.0306	.033	.0306	.0294	.023	.0134	0

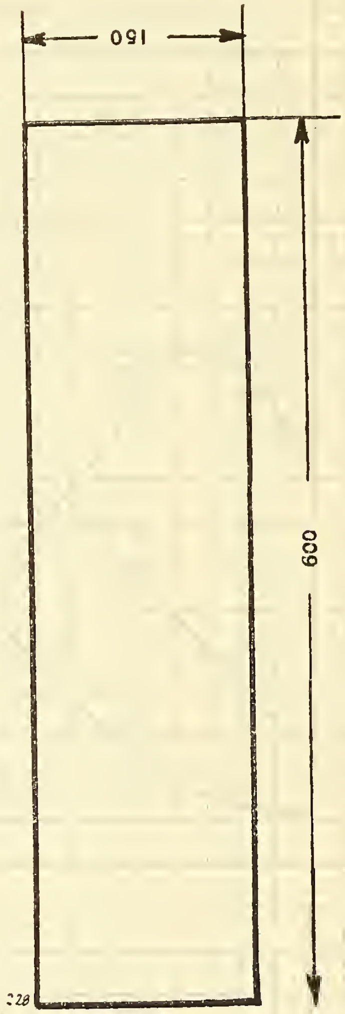
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 73.

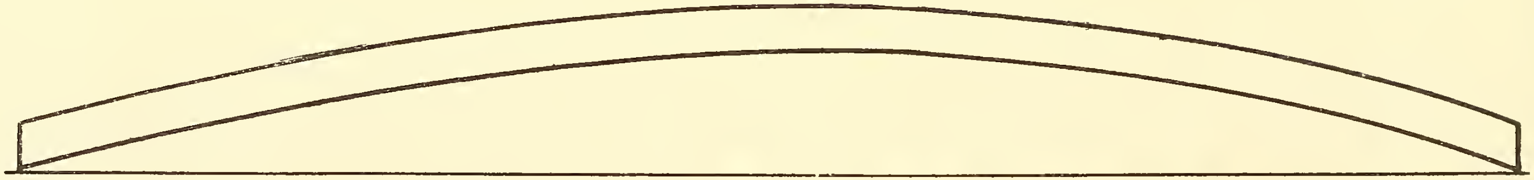
SIZE OF MODEL, 600 BY 150 MM.
VELOCITY OF WIND, 44.7 M. P. H.
WIND TUNNEL, EIFFEL.



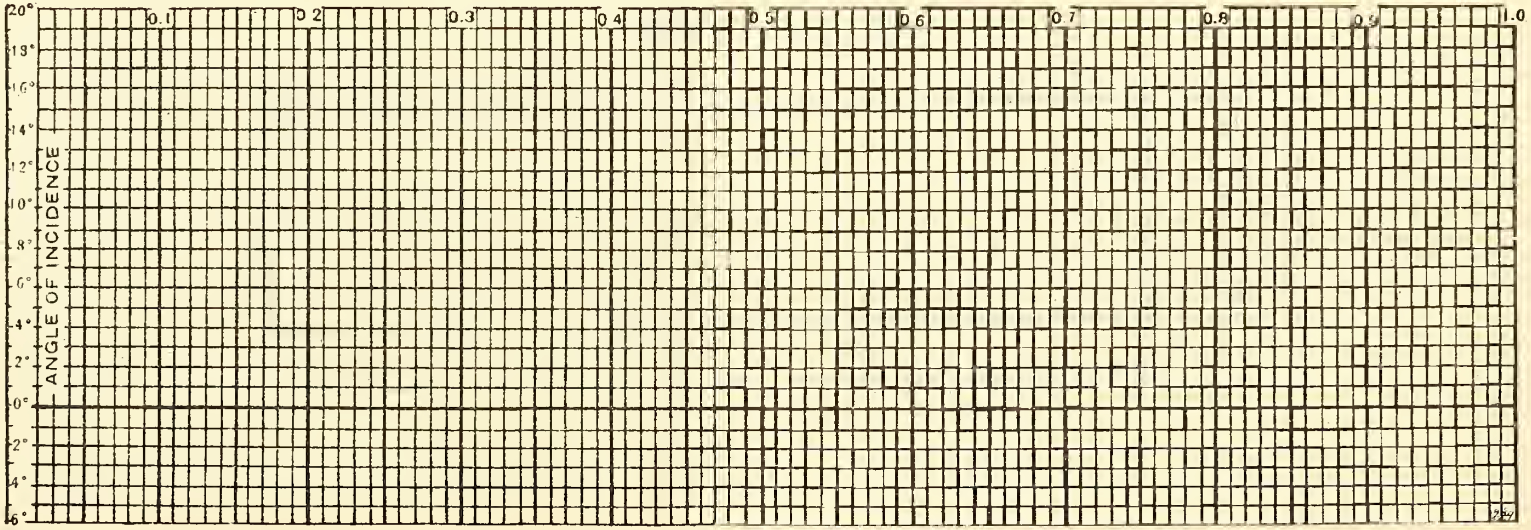
EIFFEL No. 73.



AEROFOIL, EIFFEL No. 74.



CURVE OF CENTER OF PRESSURE TRAVEL

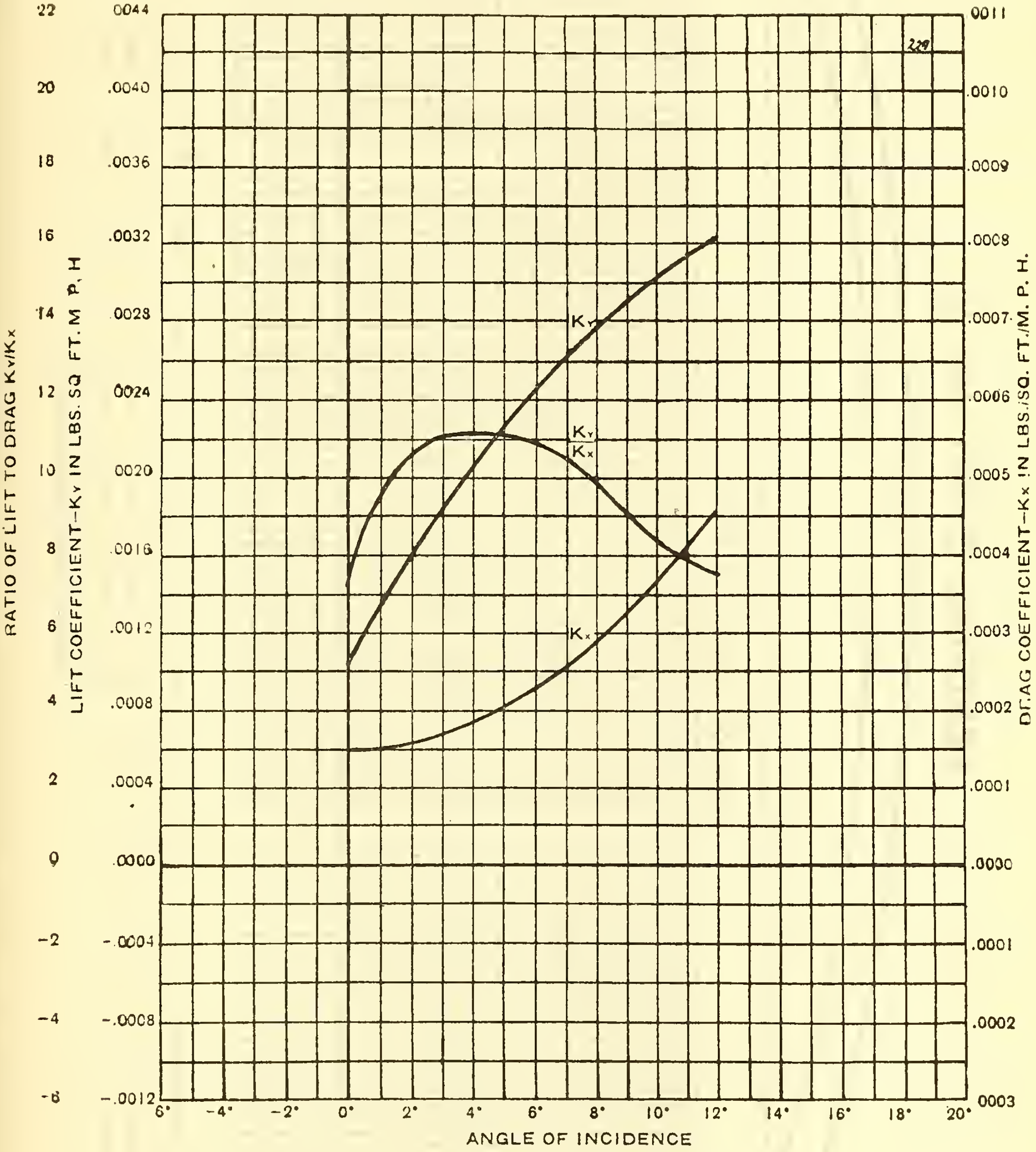


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.031	.0668	.0826	.10	.108	.11	.108	.10	.0826	.0668	.031
Lower camber	0	.0372	.0546	.0693	.08	.0857	.08	.0693	.0546	.0372	0

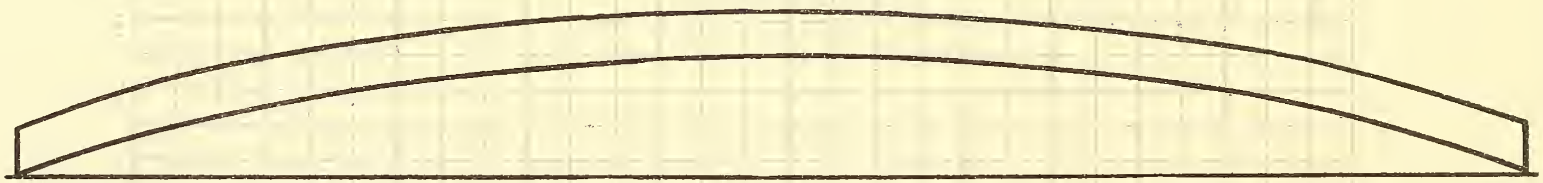
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 74.

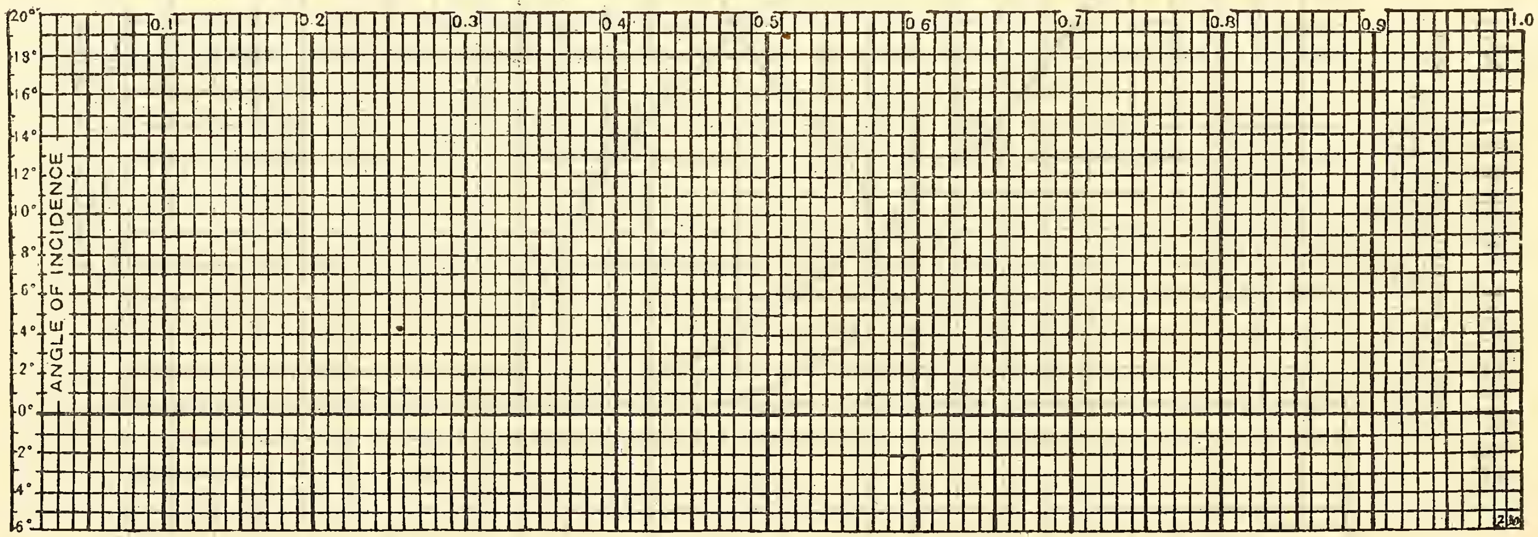
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL No. 75.



CURVE OF CENTER OF PRESSURE TRAVEL

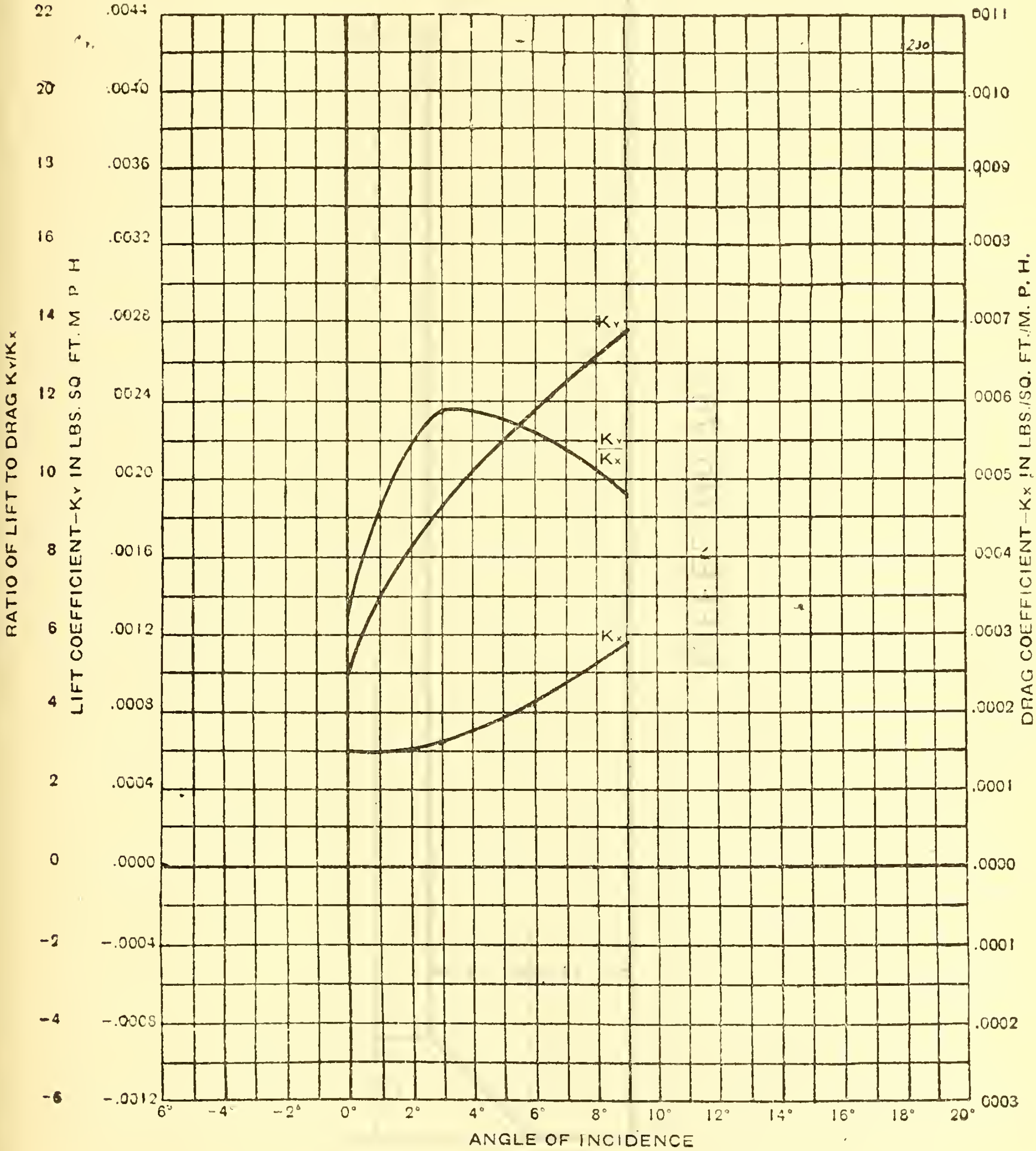


Distancef rom leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.031	.0668	.0826	.10	.108	.11	.108	.10	.0826	.0668	.031
Lower camber	0	.0372	.0546	.0693	.08	.0857	.08	.0693	.0546	.0372	0

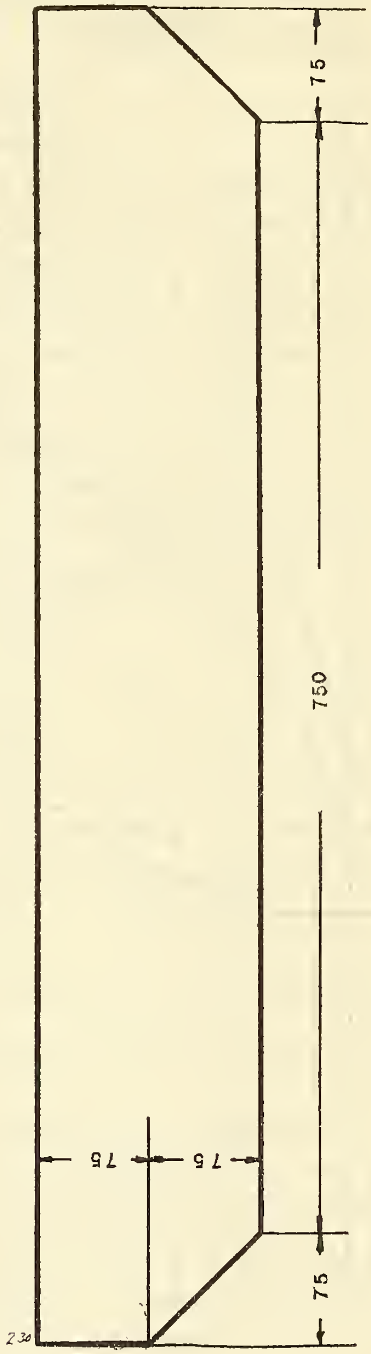
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 75.

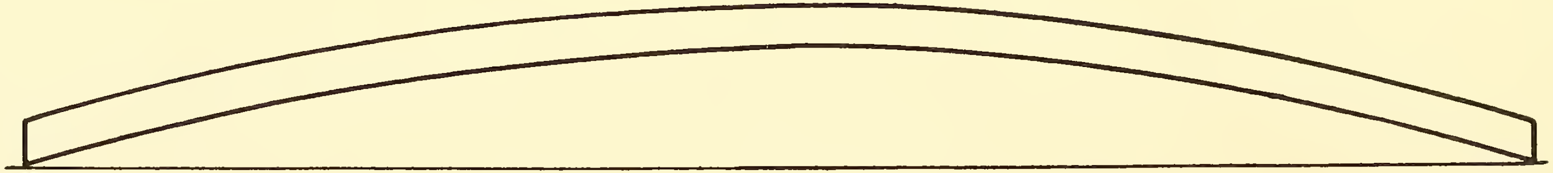
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



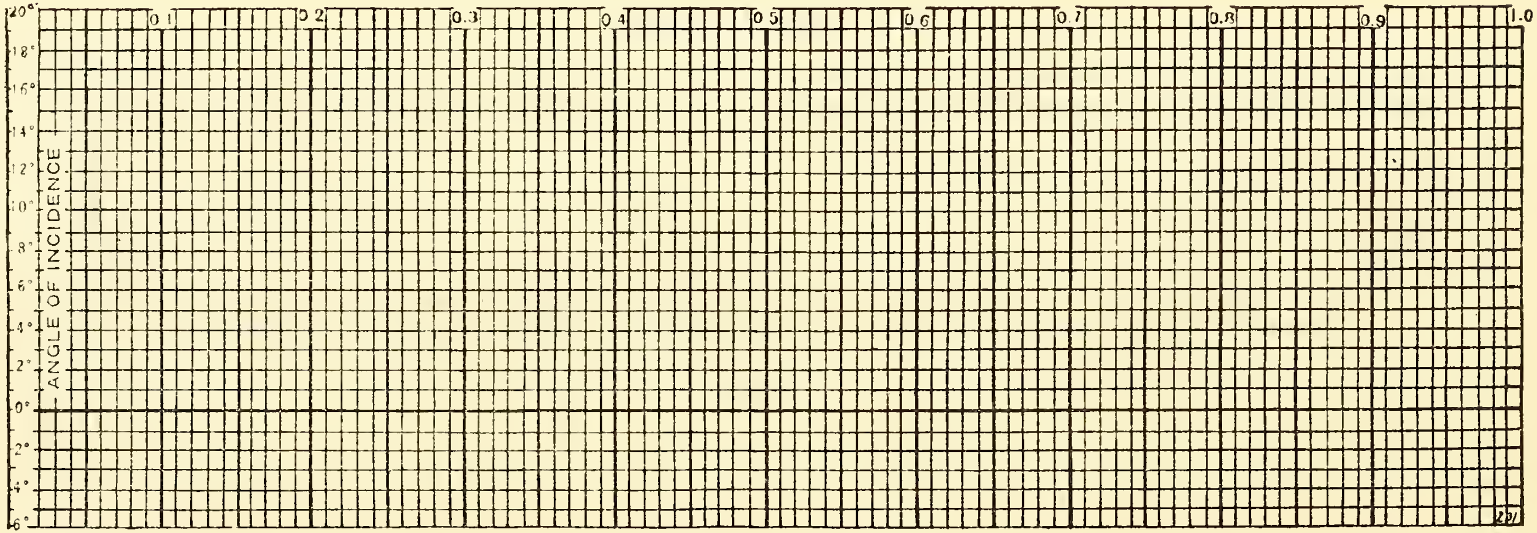
EIFFEL No. 75.



AEROFOIL, EIFFEL No. 76.



CURVE OF CENTER OF PRESSURE TRAVEL

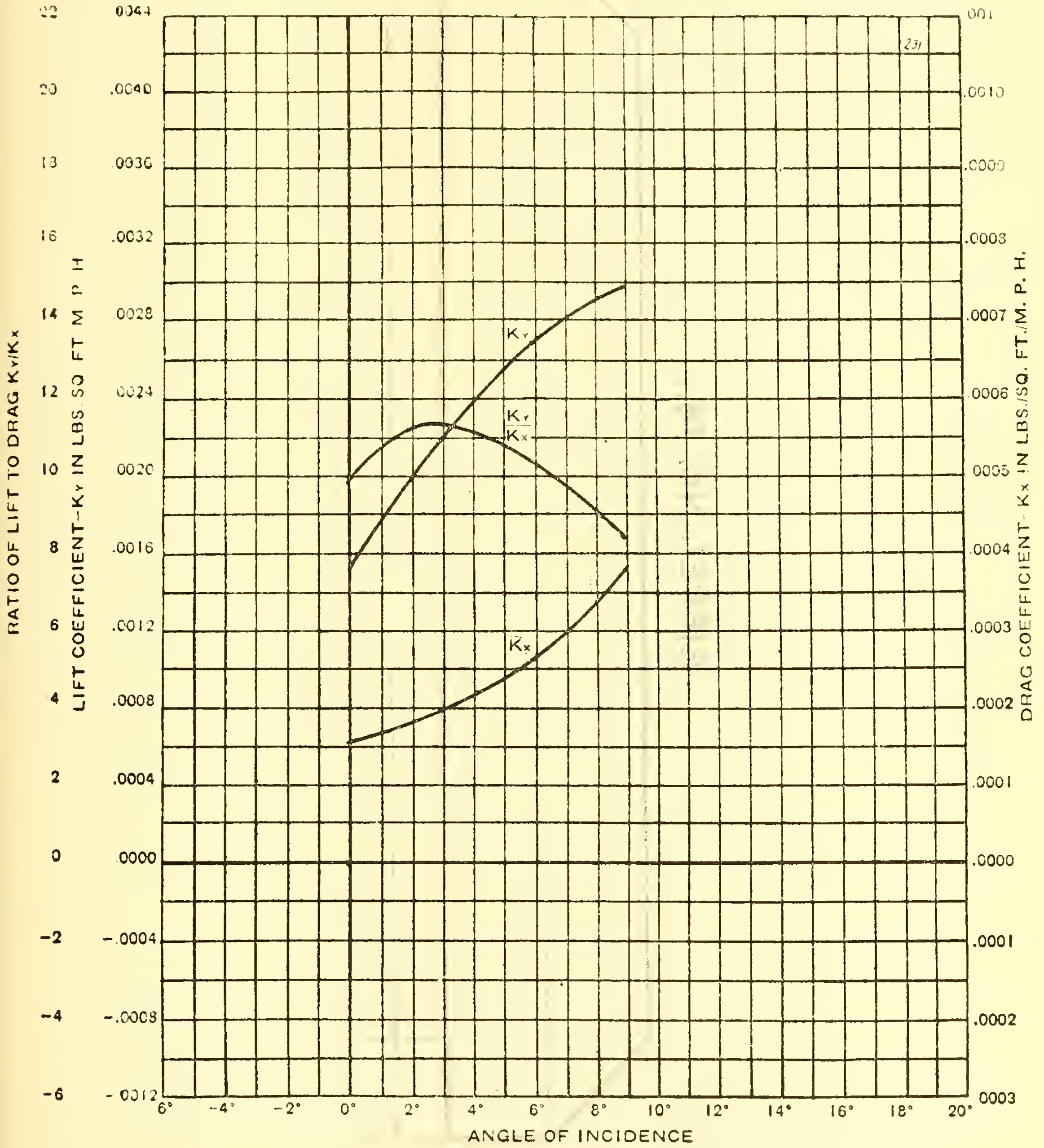


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.031	.0668	.0826	.10	.108	.11	.108	.10	.0826	.0668	.031
Lower camber	0	.0372	.0546	.0693	.08	.0857	.08	.0693	.0546	.0372	0

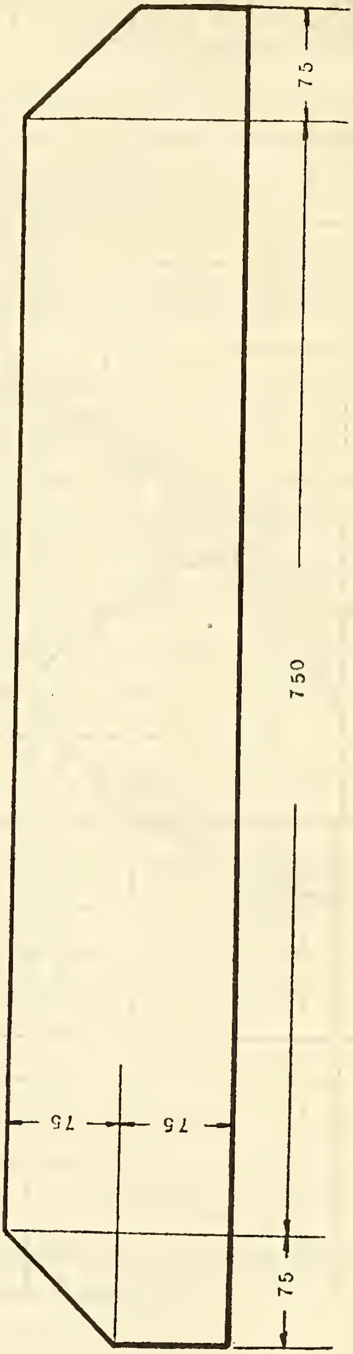
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 76.

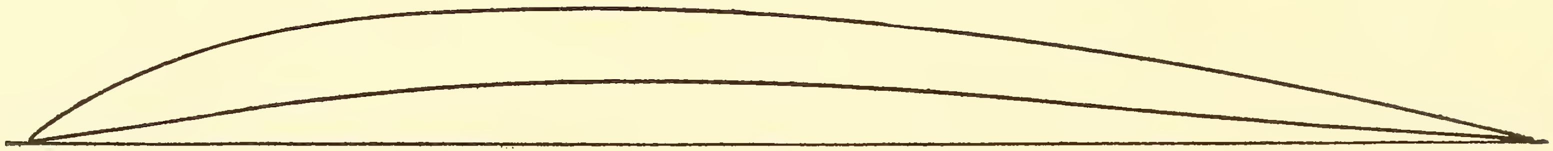
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



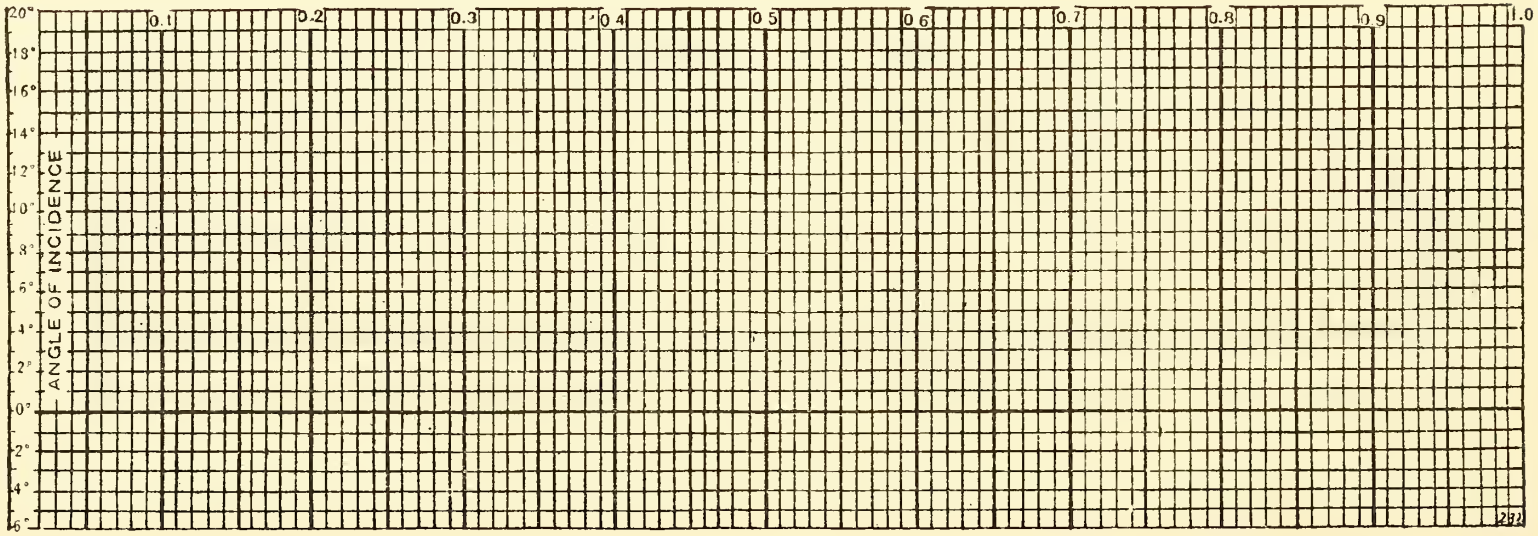
EIFFEL NO. 76.



AEROFOIL, EIFFEL No. 77.



CURVE OF CENTER OF PRESSURE TRAVEL

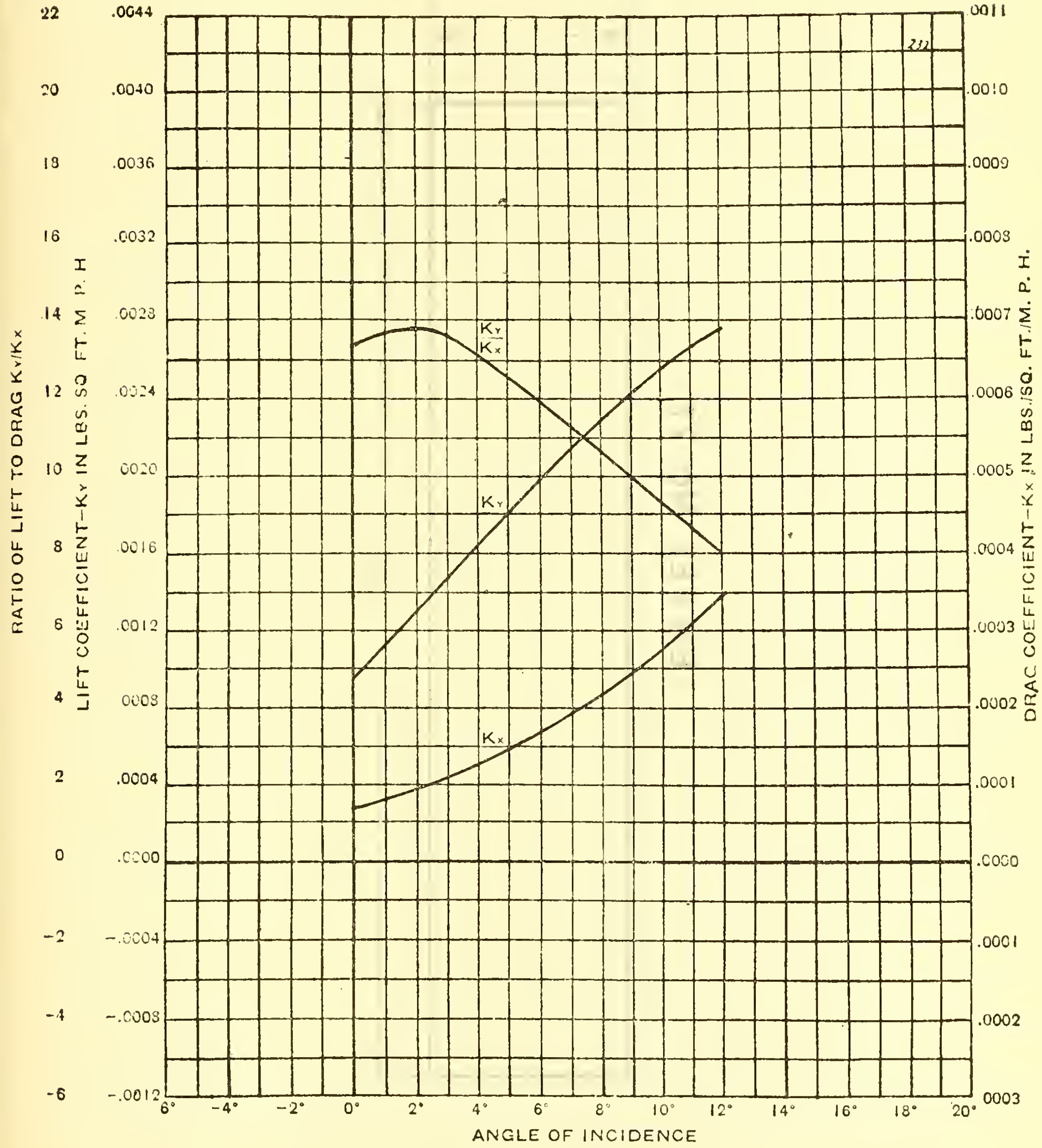


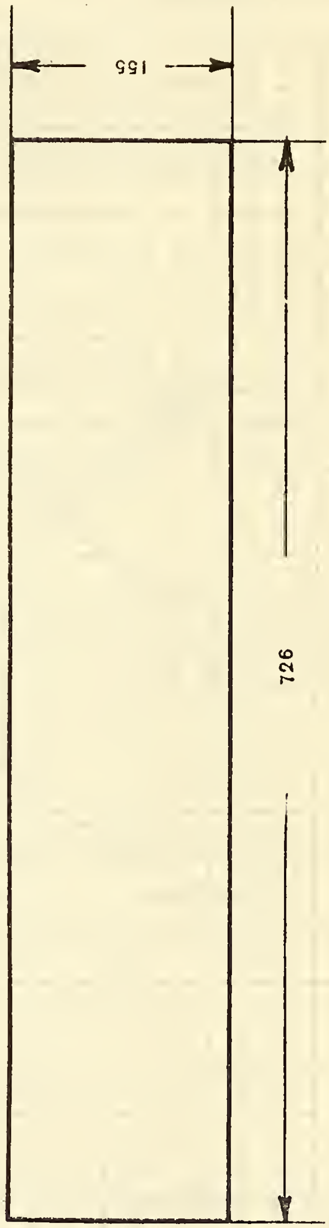
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.056	.0775	.087	.087	.0831	.0755	.0612	.0465	.029	0
Lower camber	0	.0123	.0321	.0432	.0451	.0413	.0347	.0226	.0161	.0097	0

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL No. 77.

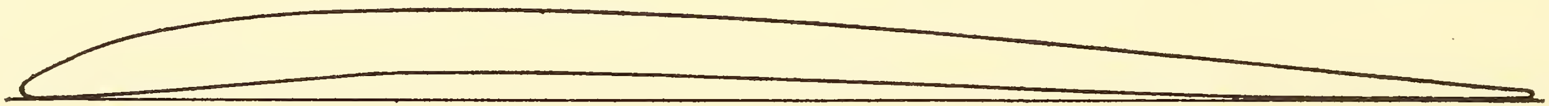
SIZE OF MODEL, 726 BY 155 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



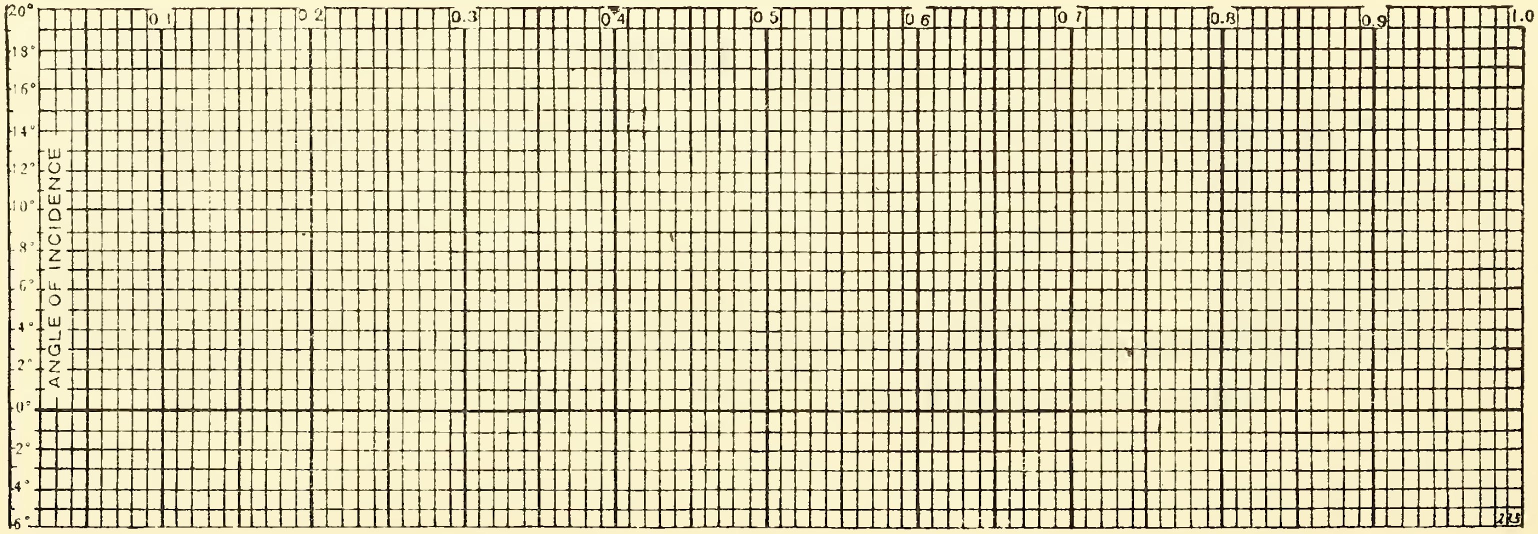


EIFFEL No. 77.

AEROFOIL, TURIN No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

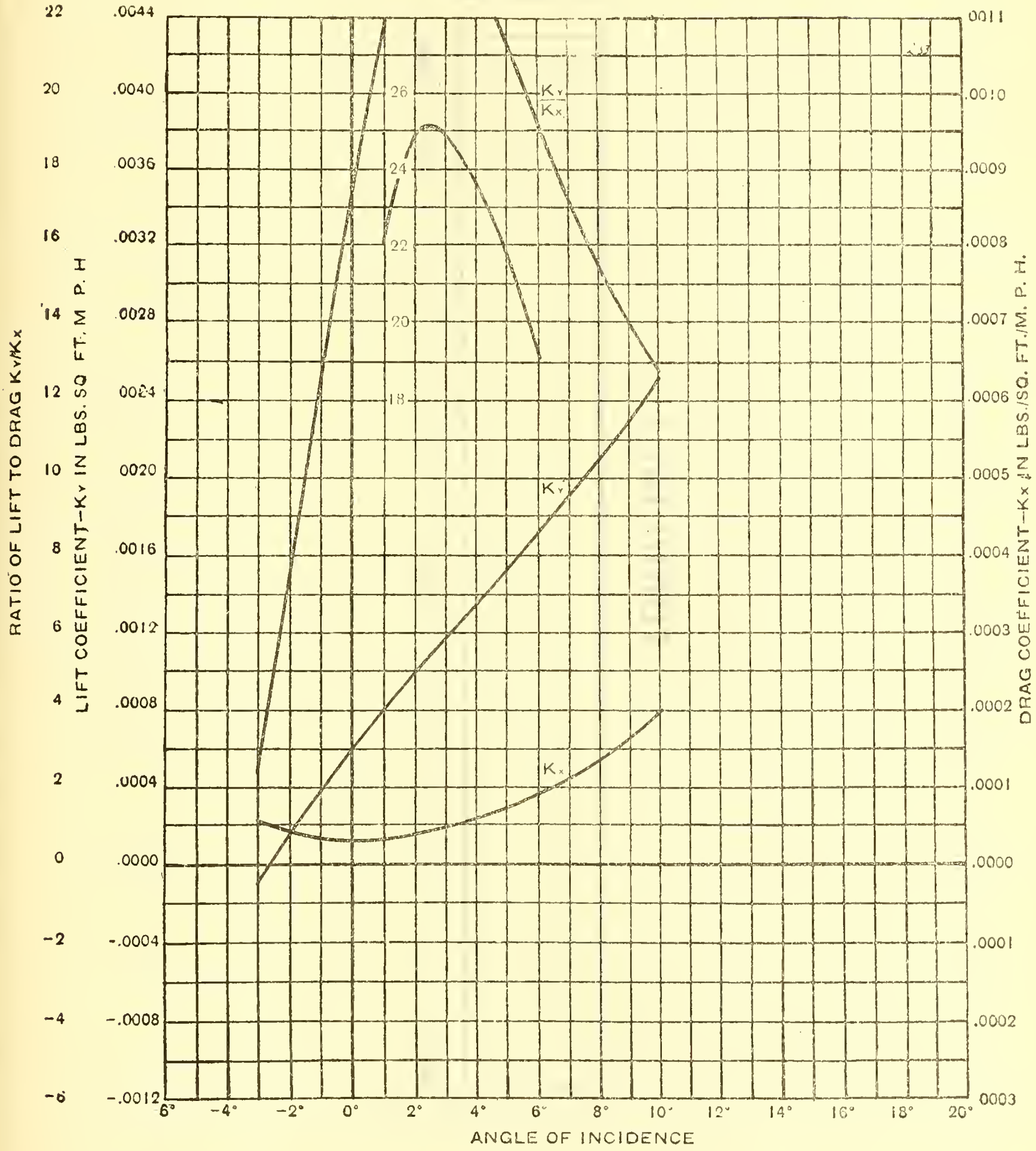


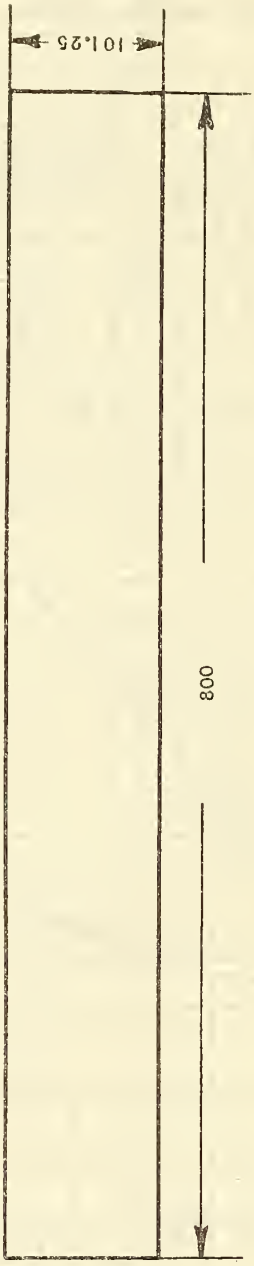
Distance from leading edge	0	.012	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber		.019	.036	.05	.057	.058	.057	.051	.041	.033	.023	.014	.006
Lower camber		0	.003	.009	.016	.017	.016	.014	.007	.004	0	0	0

All dimensions given as decimal parts of chord.

AEROFOIL, TURIN No. 1.

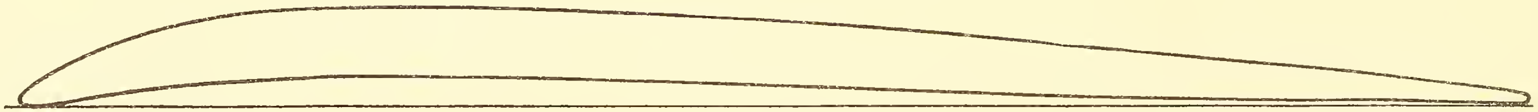
SIZE OF MODEL, 800 BY 101.25 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



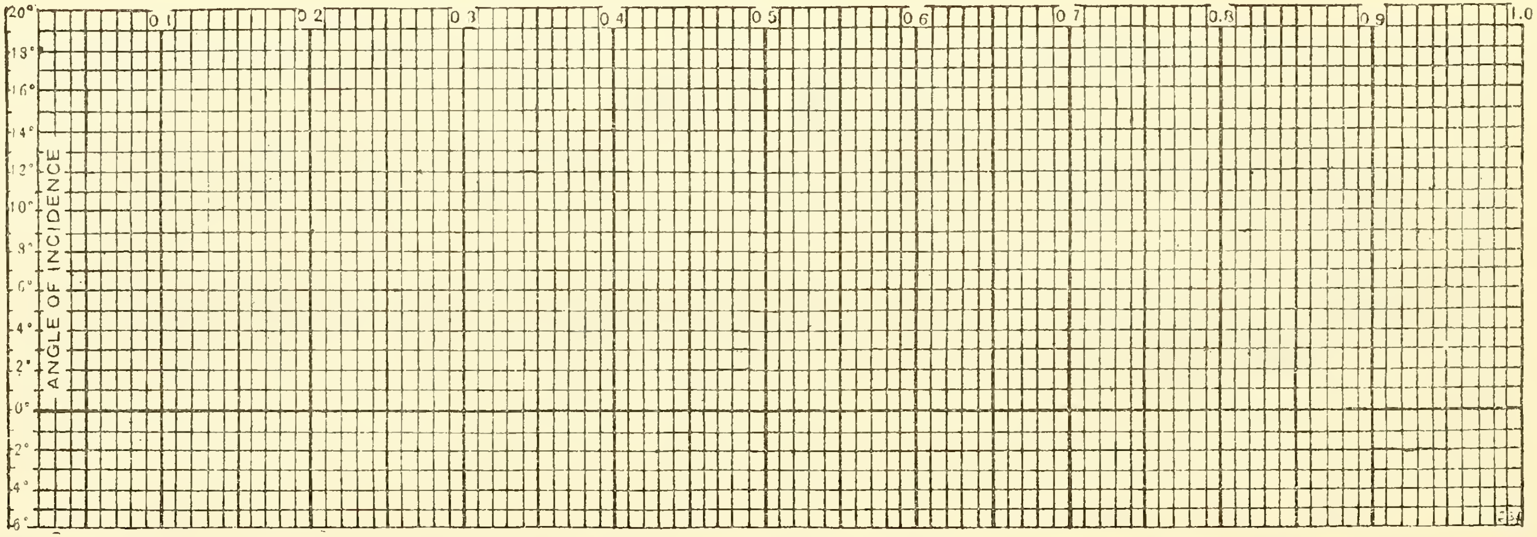


TURIN No. 1.

AEROFOIL, TURIN No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

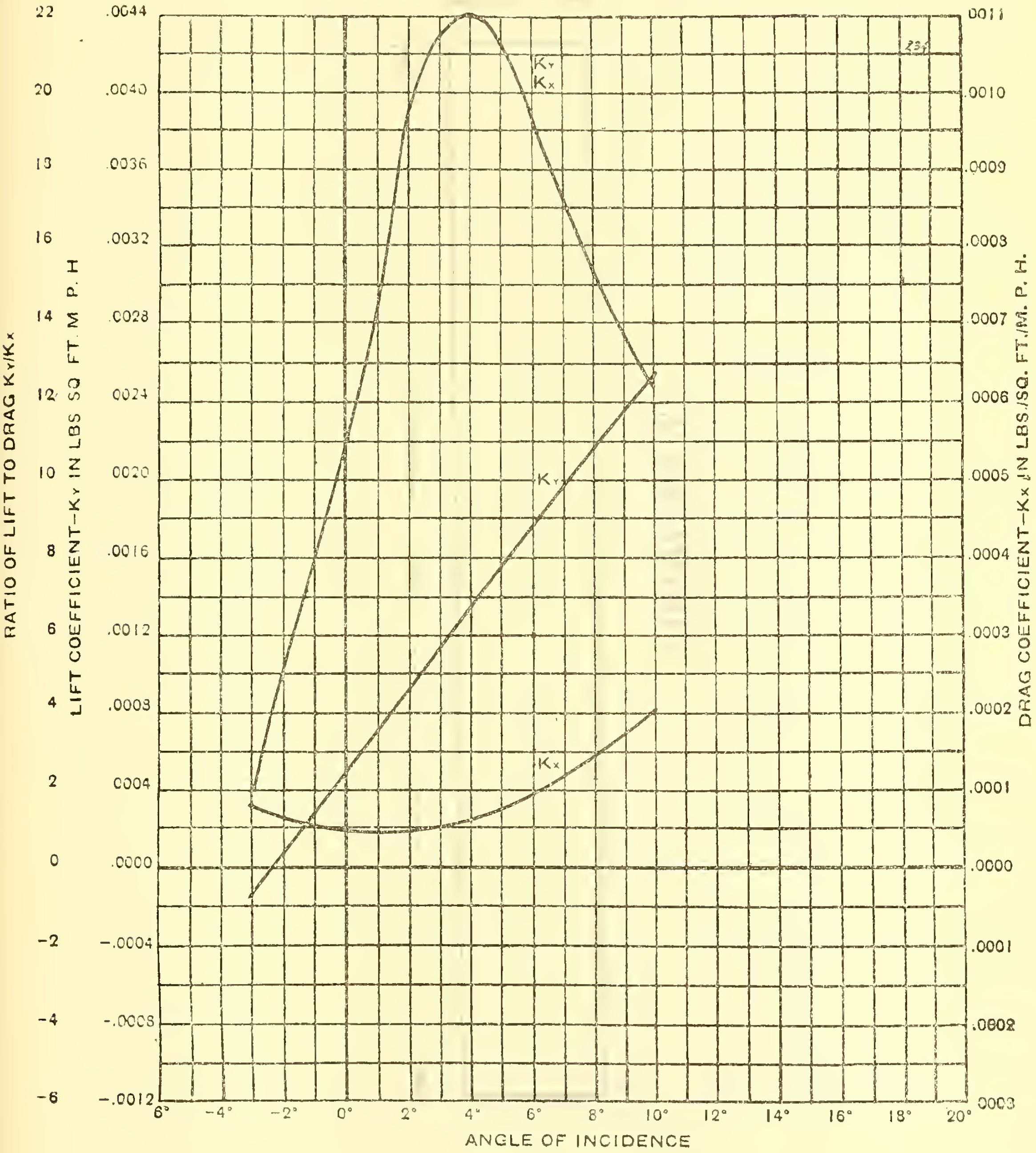


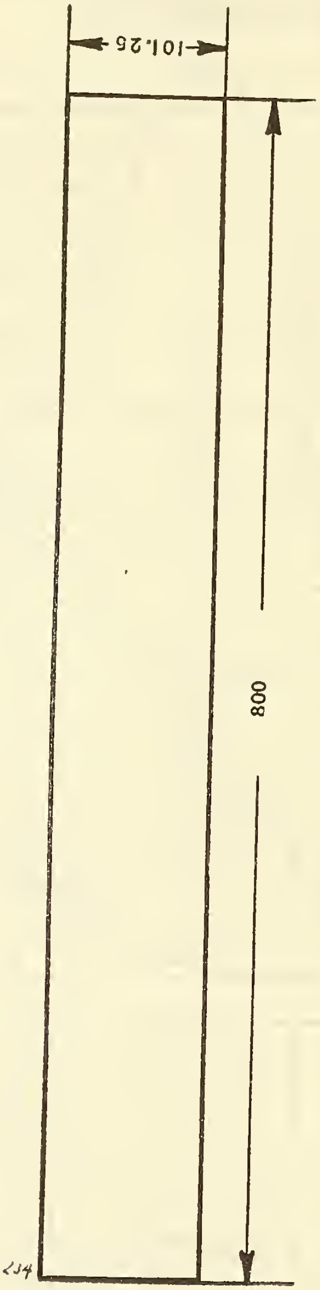
Distance from leading edge	.012	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.018	.038	.053	.061	.062	.058	.055	.048	.039	.032	.019	.006
Lower camber	0	.005	.013	.02	.021	.017	.014	.011	.007	.005	.002	0

All dimensions given as decimal parts of chord.

AEROFOIL, TURIN No. 2.

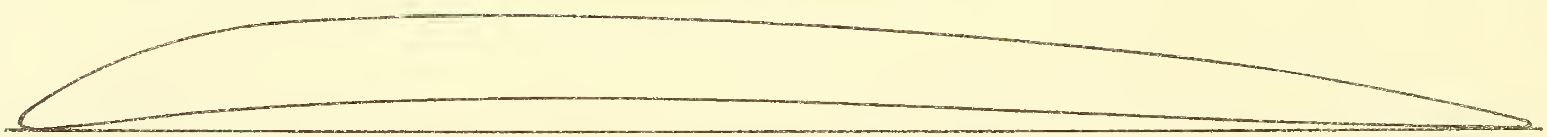
SIZE OF MODEL, 800 BY 101.25 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



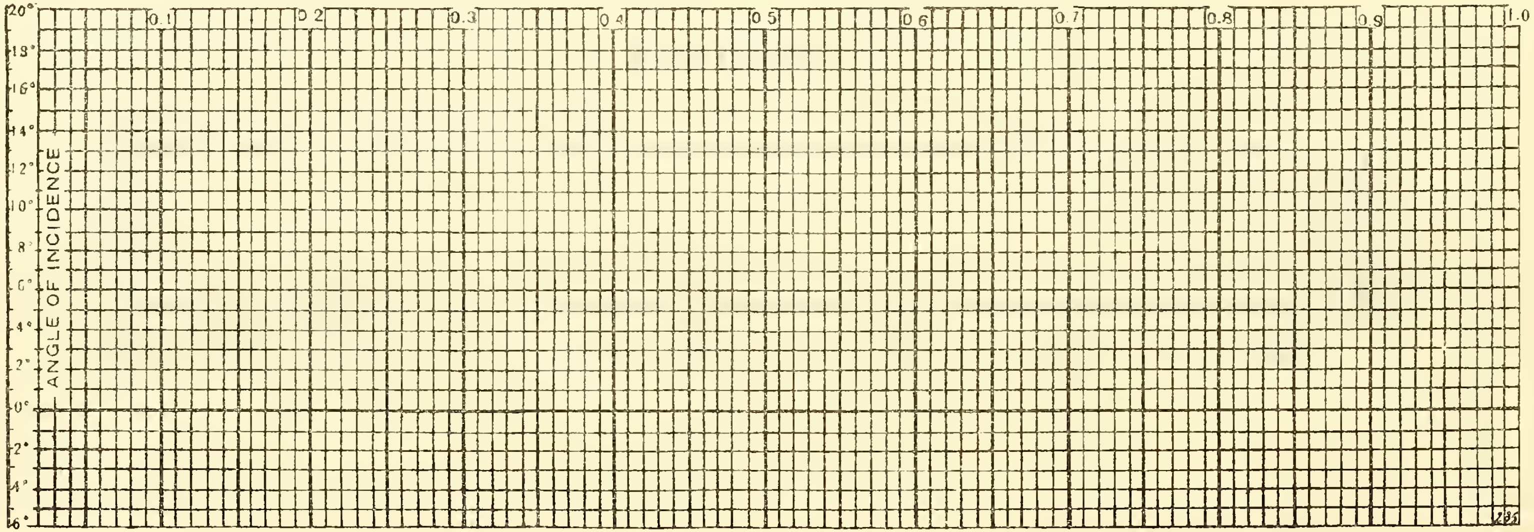


TURIN No. 2.

AEROFOIL, TURIN No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

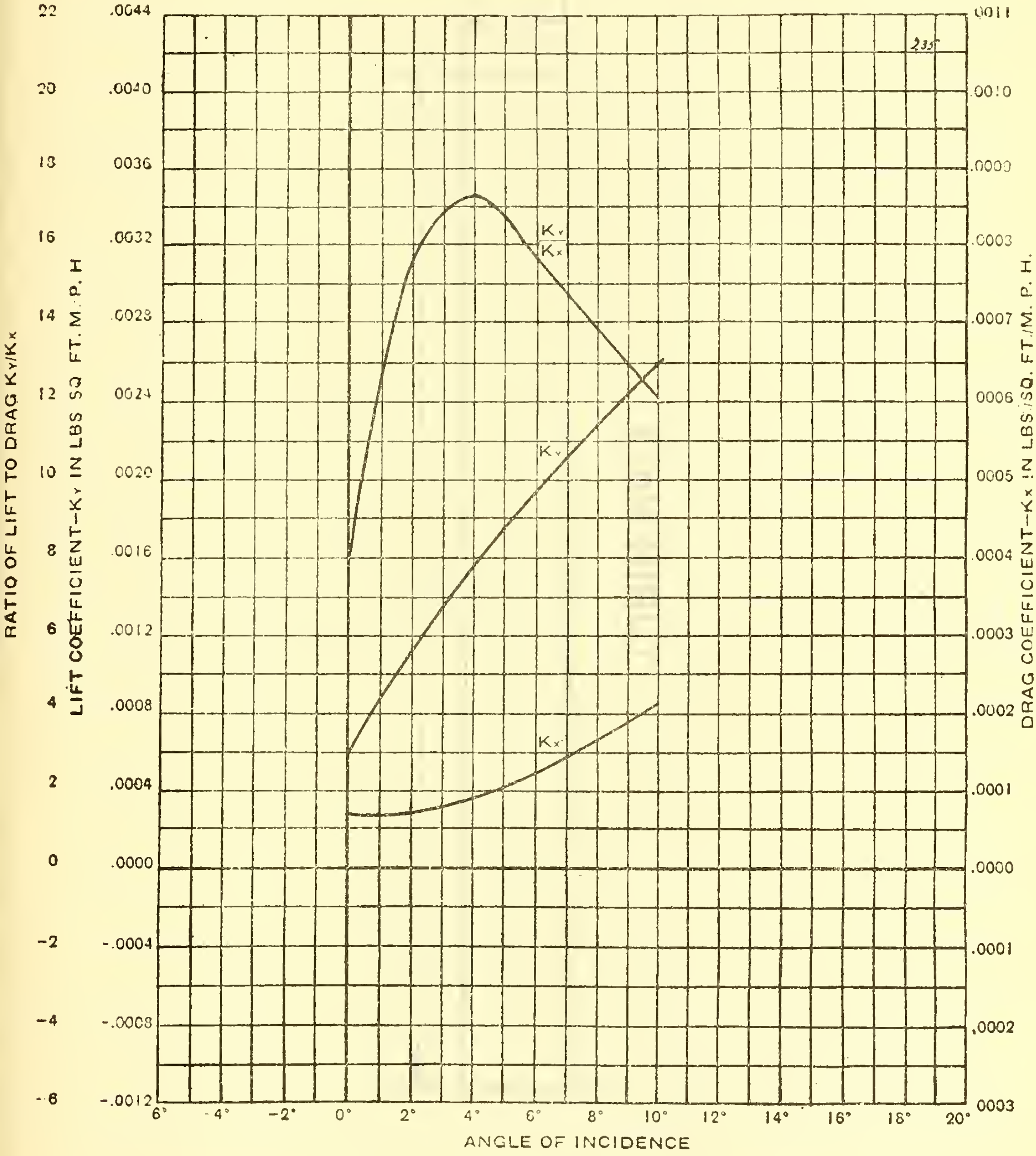


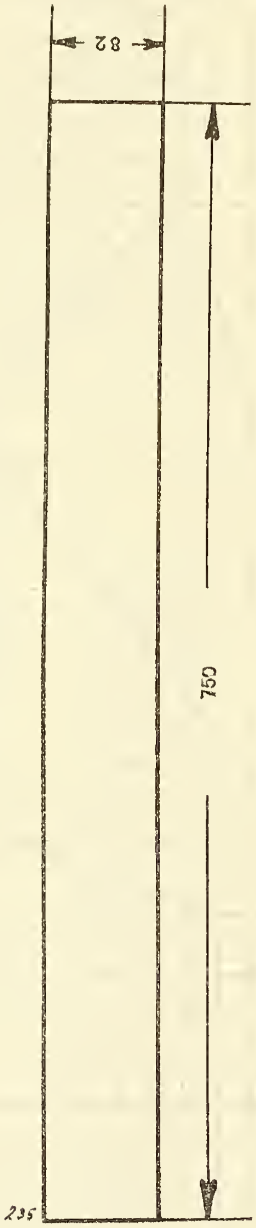
Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber		.045	.061	.072	.073	.071	.070	.066	.057	.044	.026	.006
Lower camber		.004	.01	.02	.02	.018	.017	.014	.011	.007	.004	0

All dimensions given as decimal parts of chord.

AEROFOIL, TURIN No. 3.

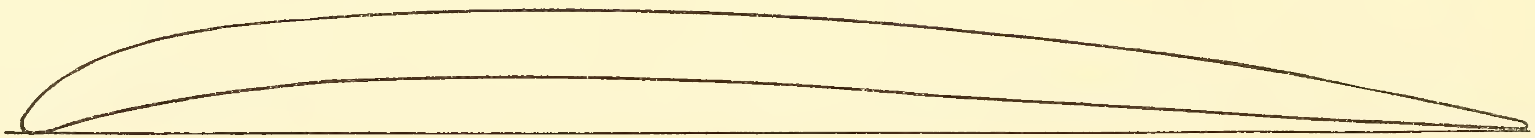
SIZE OF MODEL, 750 BY 82 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



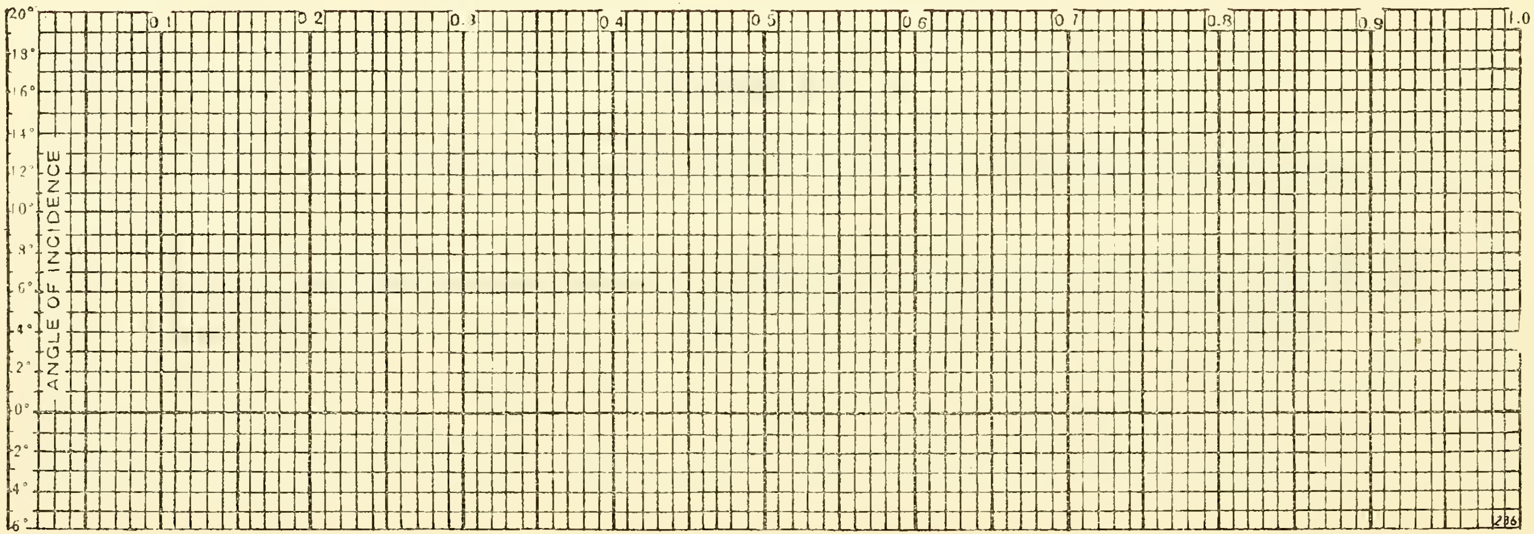


TURIN No. 3.

AEROFOIL, TURIN No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL

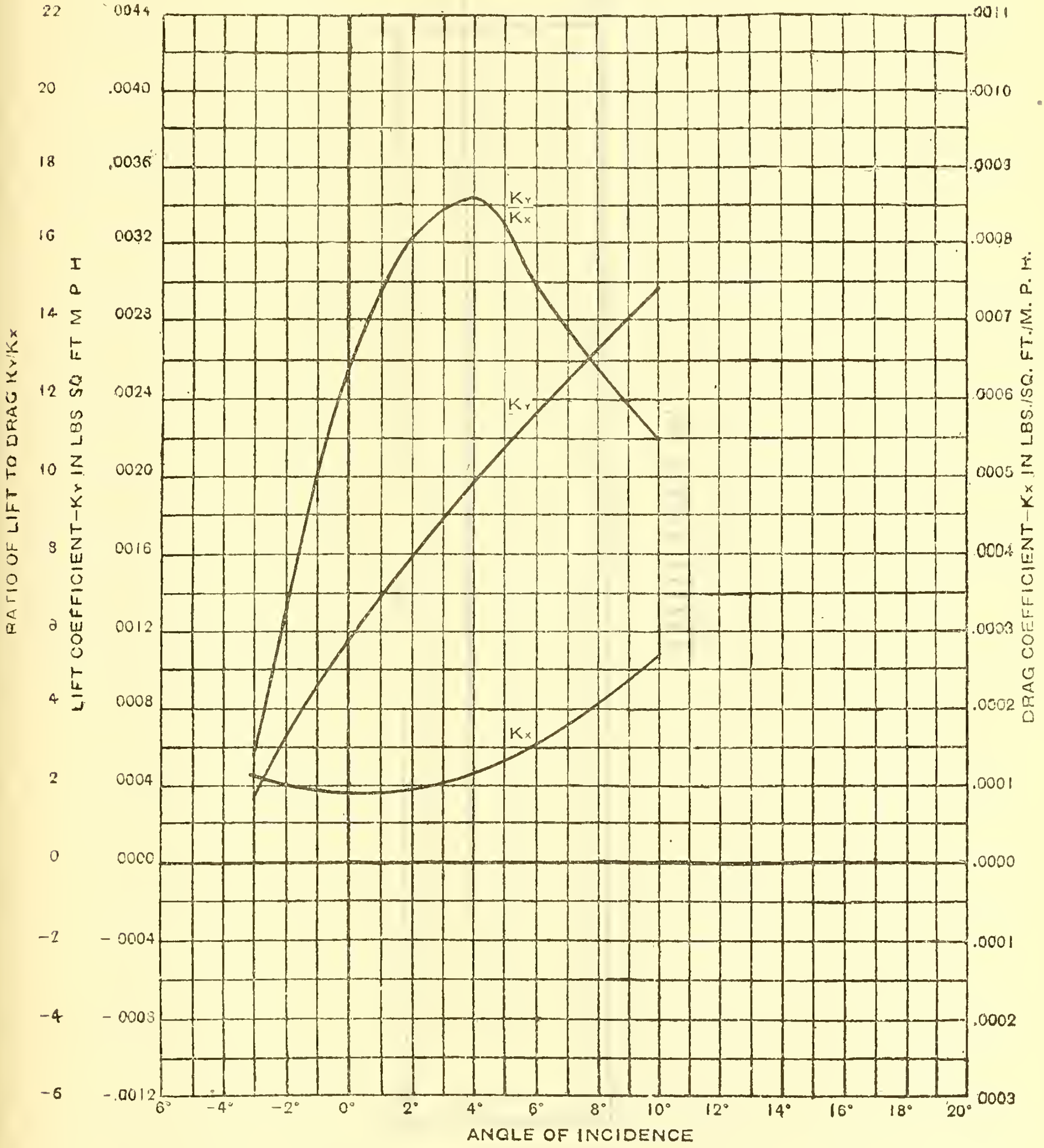


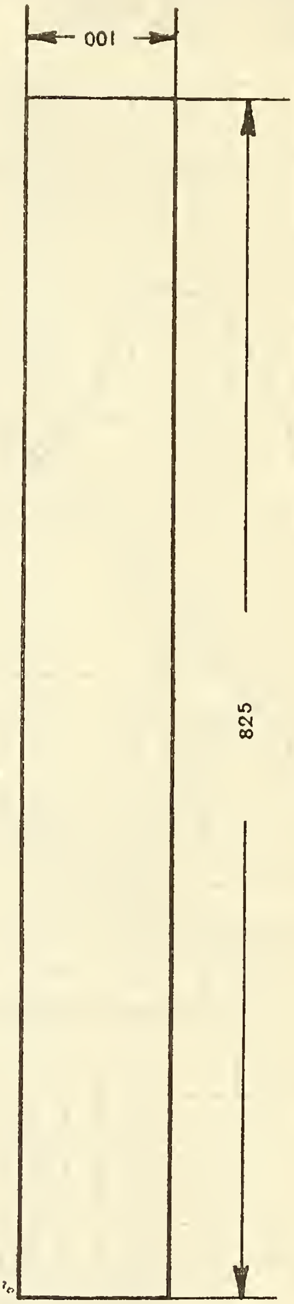
Distance from leading edge	.01	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.02	.05	.064	.076	.079	.078	.074	.067	.061	.048	.024	.004
Lower camber	0	.01	.022	.034	.038	.037	.033	.025	.019	.015	.006	0

All dimensions given as decimal parts of chord.

AEROFOIL, TURIN No. 4.

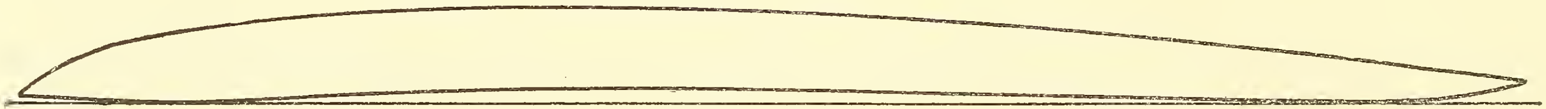
SIZE OF MODEL, 820 BY 100 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



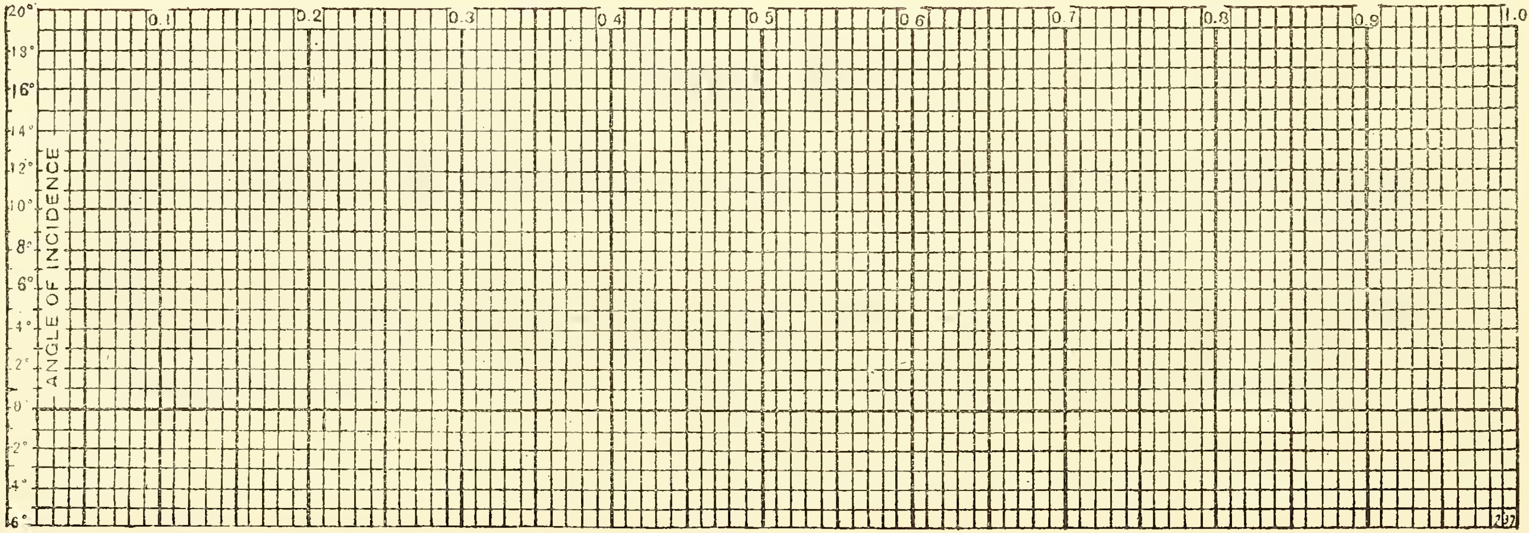


TURIN No. 4.

AEROFOIL, COANDA No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

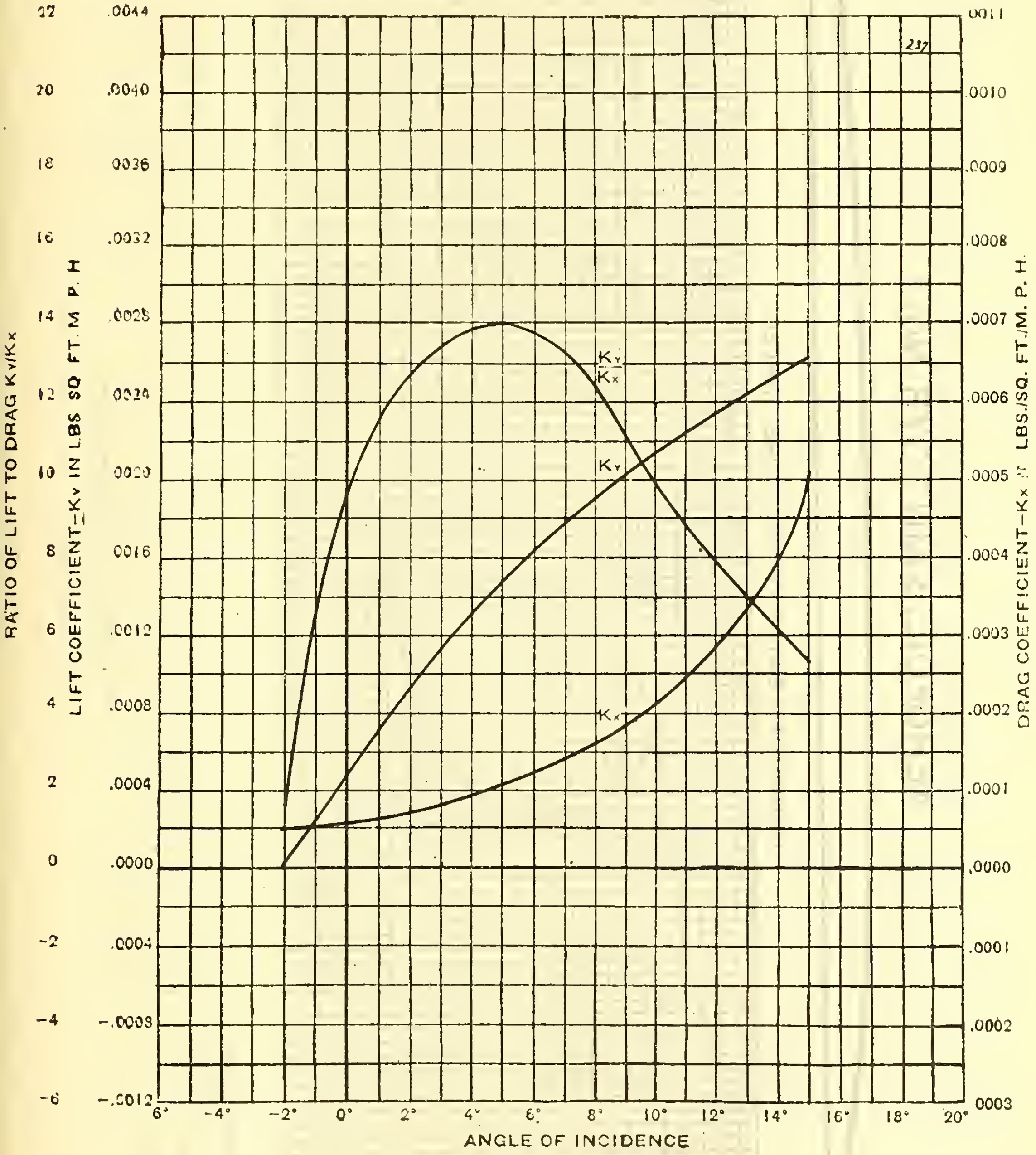


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.006	.0375	.05	.0585	.065	.0658	.0617	.055	.0463	.037	.0265	.0105
Lower camber	.006	.001	0	.0049	.008	.009	.0087	.0077	.0065	.004	0	.0105

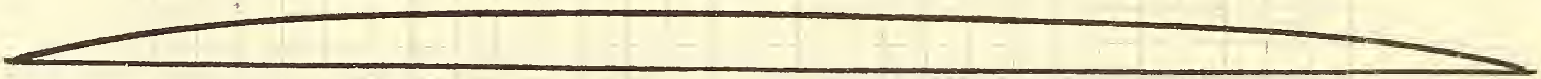
All dimensions given as decimal parts of chord.

AEROFOIL, COANDA No. 1.

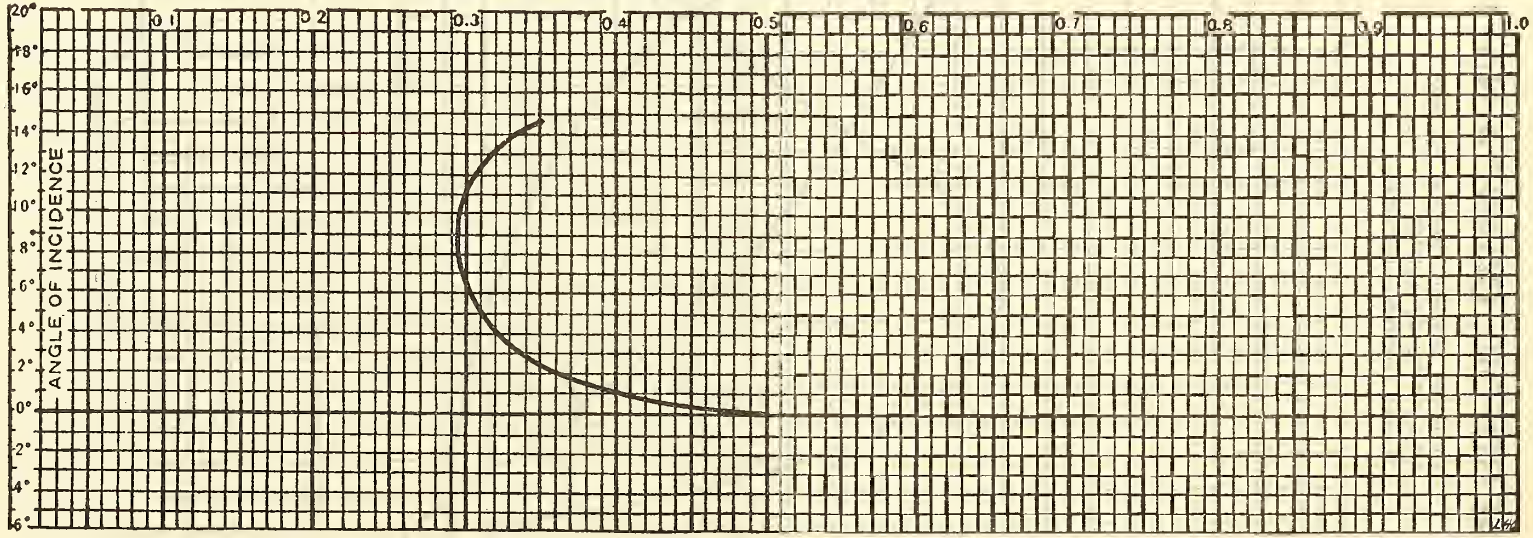
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, -------.
WIND TUNNEL, EIFFEL.



AEROFOIL, SAINT-CYR No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL

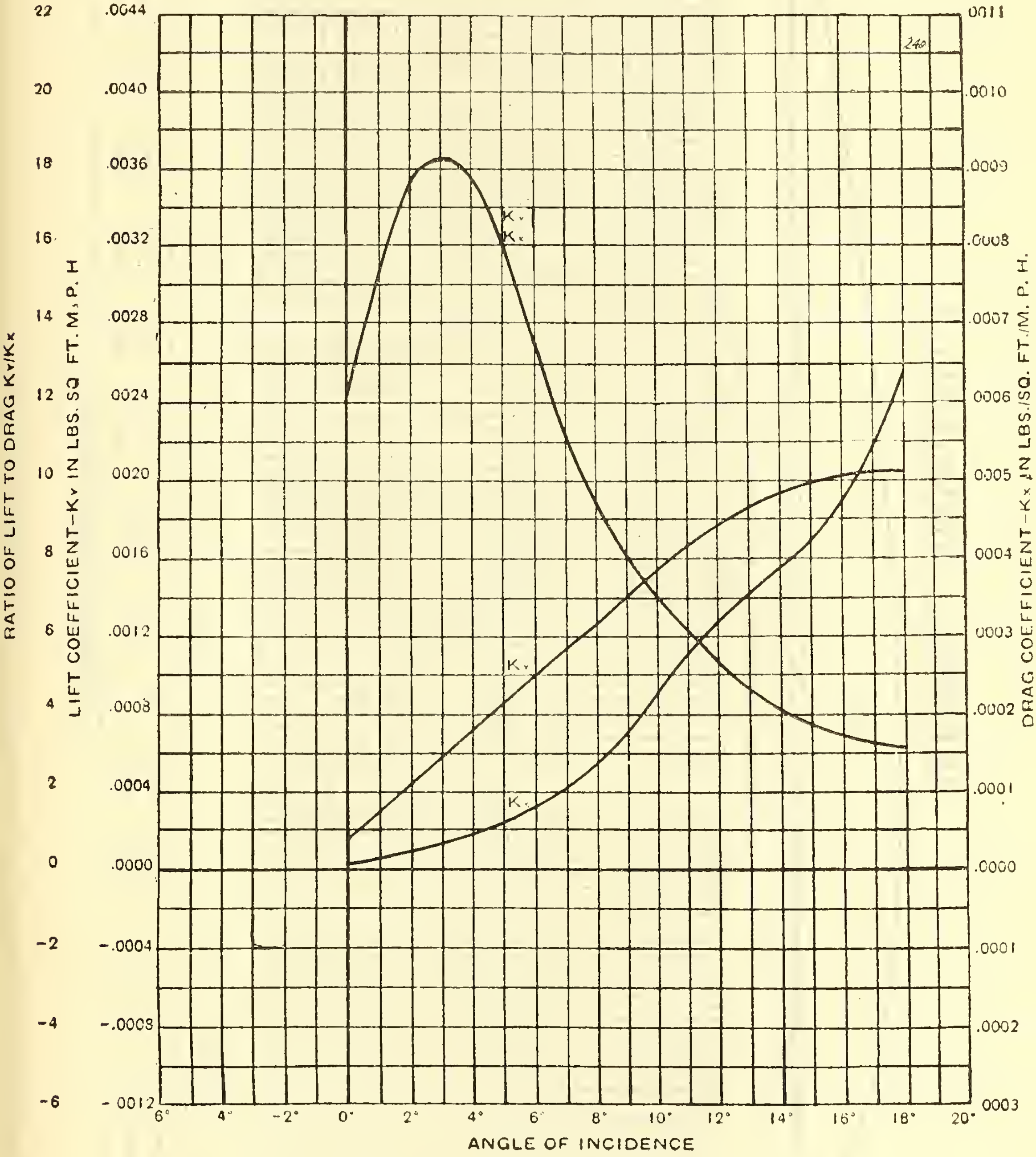


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.03	.031	.031	.03	0
Lower camber	0	0	0	0	0	0

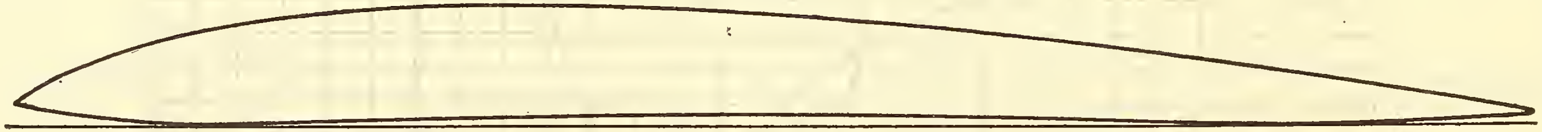
All dimensions given as decimal parts of chord.

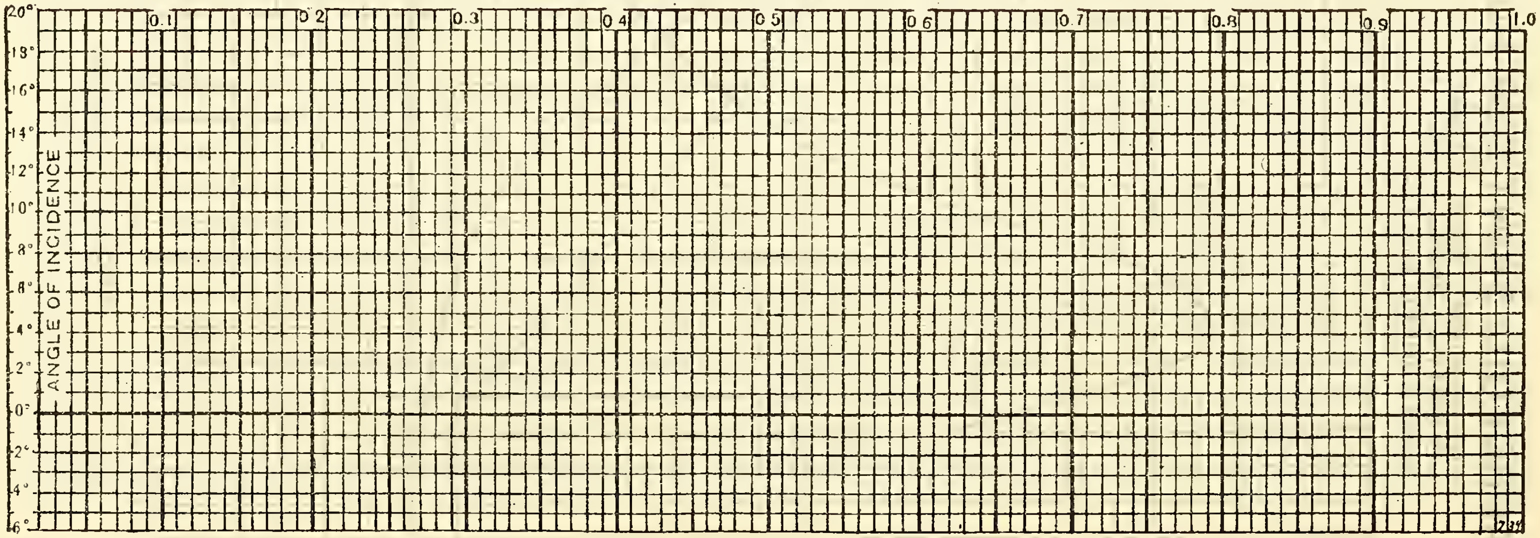
AEROFOIL, SAINT-CYR No. 1.

SIZE OF MODEL, 700 BY 200 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, COANDA No. 3.



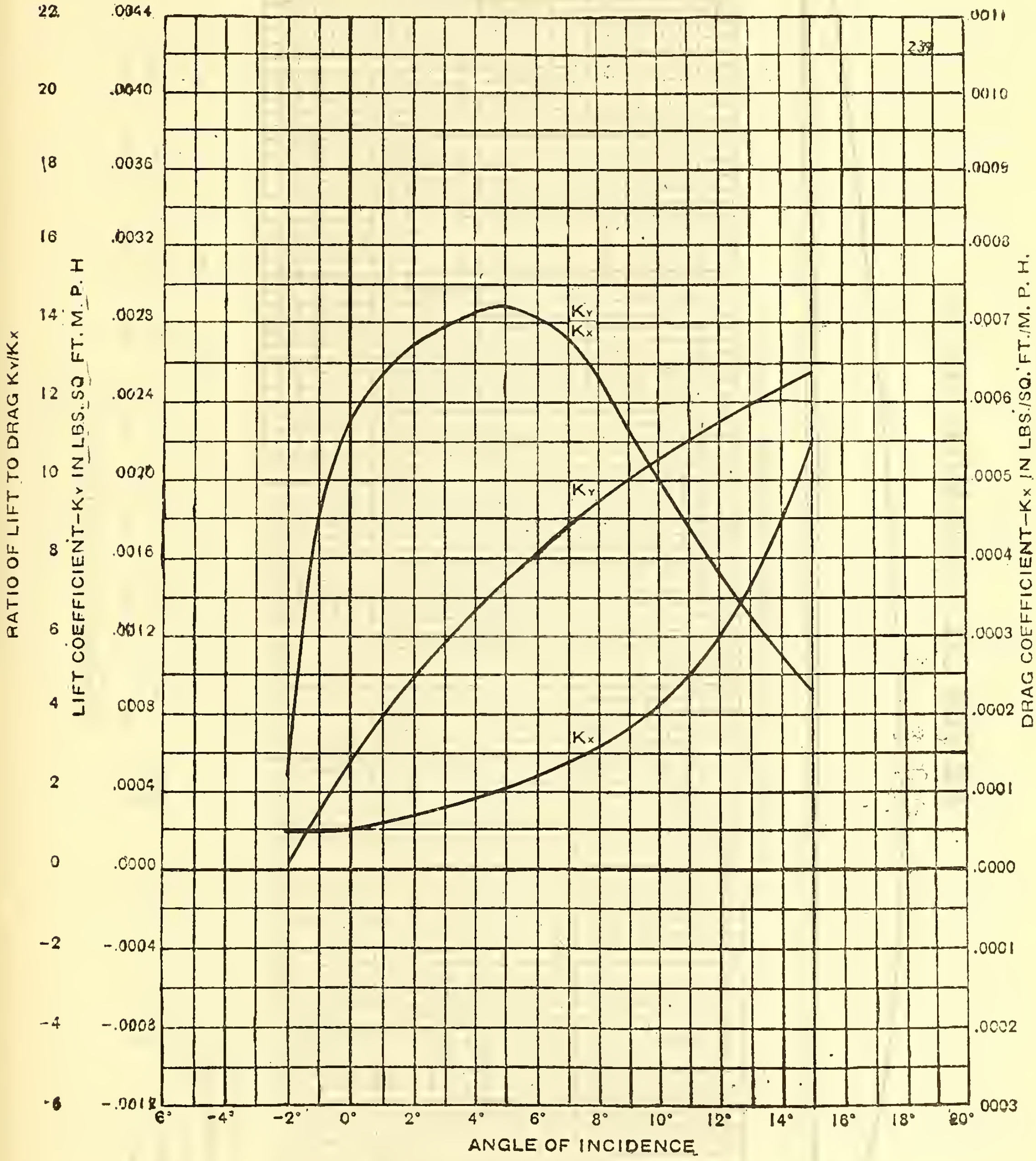

CURVE OF CENTER OF PRESSURE TRAVEL

Distance from leading edge	0	.10	.12	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.015	.06	.0637	.0725	.0756	.0762	.073	.075	.056	.0465	.029	.00675
Lower camber	.015	.0005	0	.0023	.0055	.006	.0058	.0045	.0025	0	.002	.00675

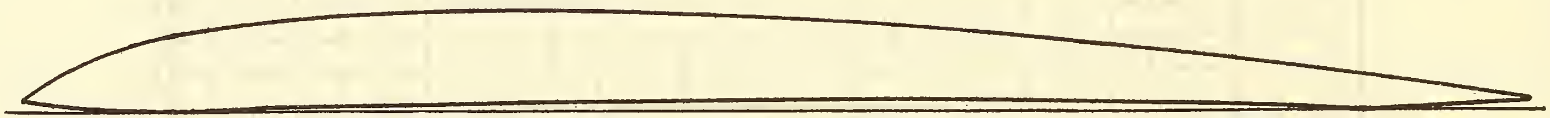
All dimensions given are decimal parts of chord.

AEROFOIL, COANDA No. 3.

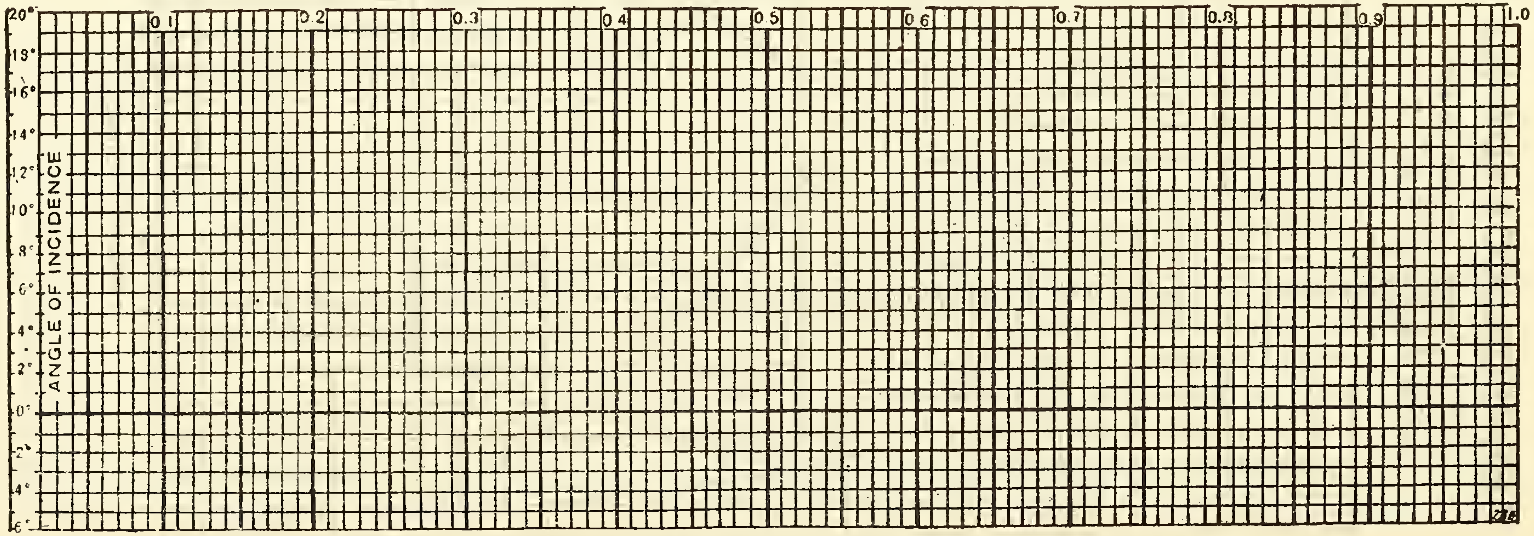
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, COANDA No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

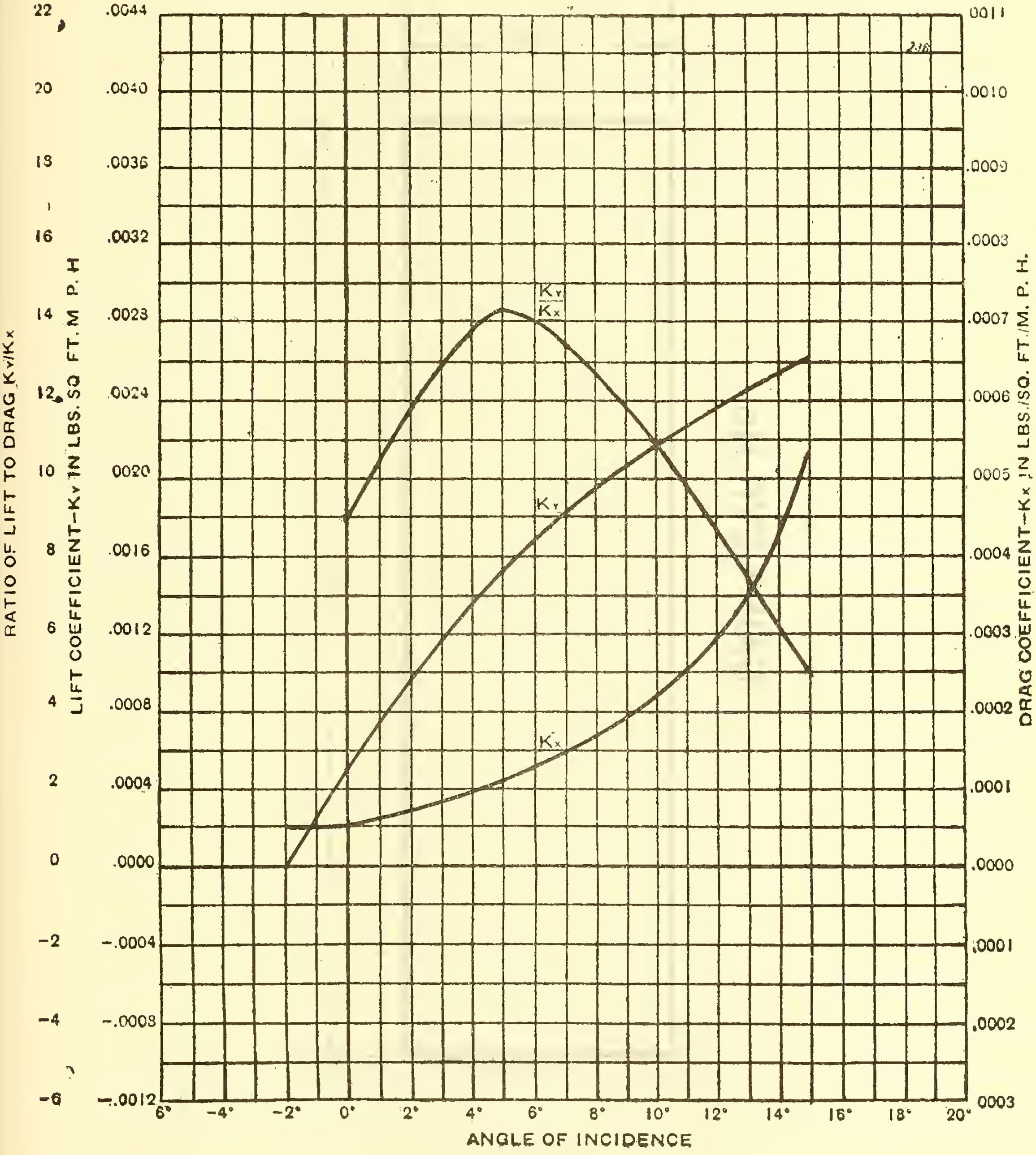


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.009	.053	.0607	.067	.0655	.0605	.054	.047	.0375	.023	.0056
Lower camber	.009	0	.0032	.007	.008	.0077	.0075	.007	.004	0	.0056

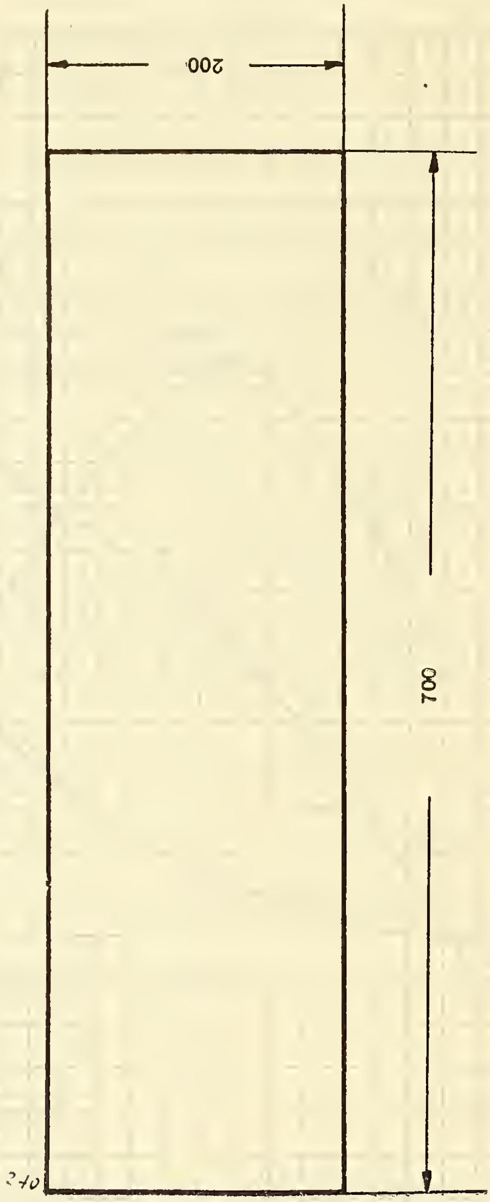
All dimensions given as decimal parts of chord.

AEROFOIL, COANDA No. 2.

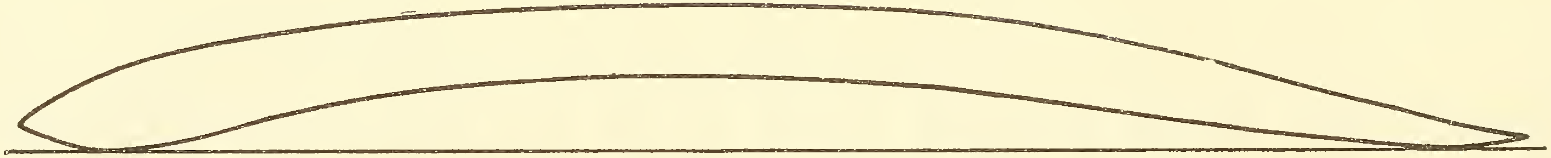
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



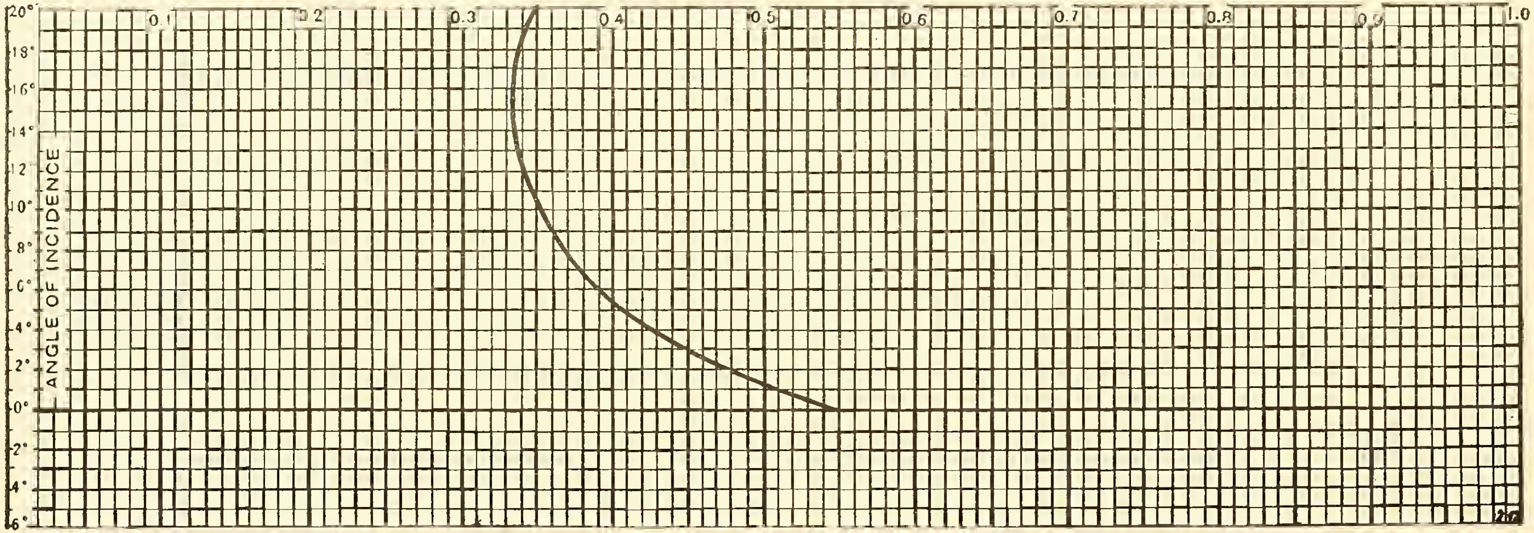
SAINT-CYR No. 1.



AEROFOIL, SAINT-CYR No. 3.



CURVE OF CENTER OF PRESSURE TRAVEL

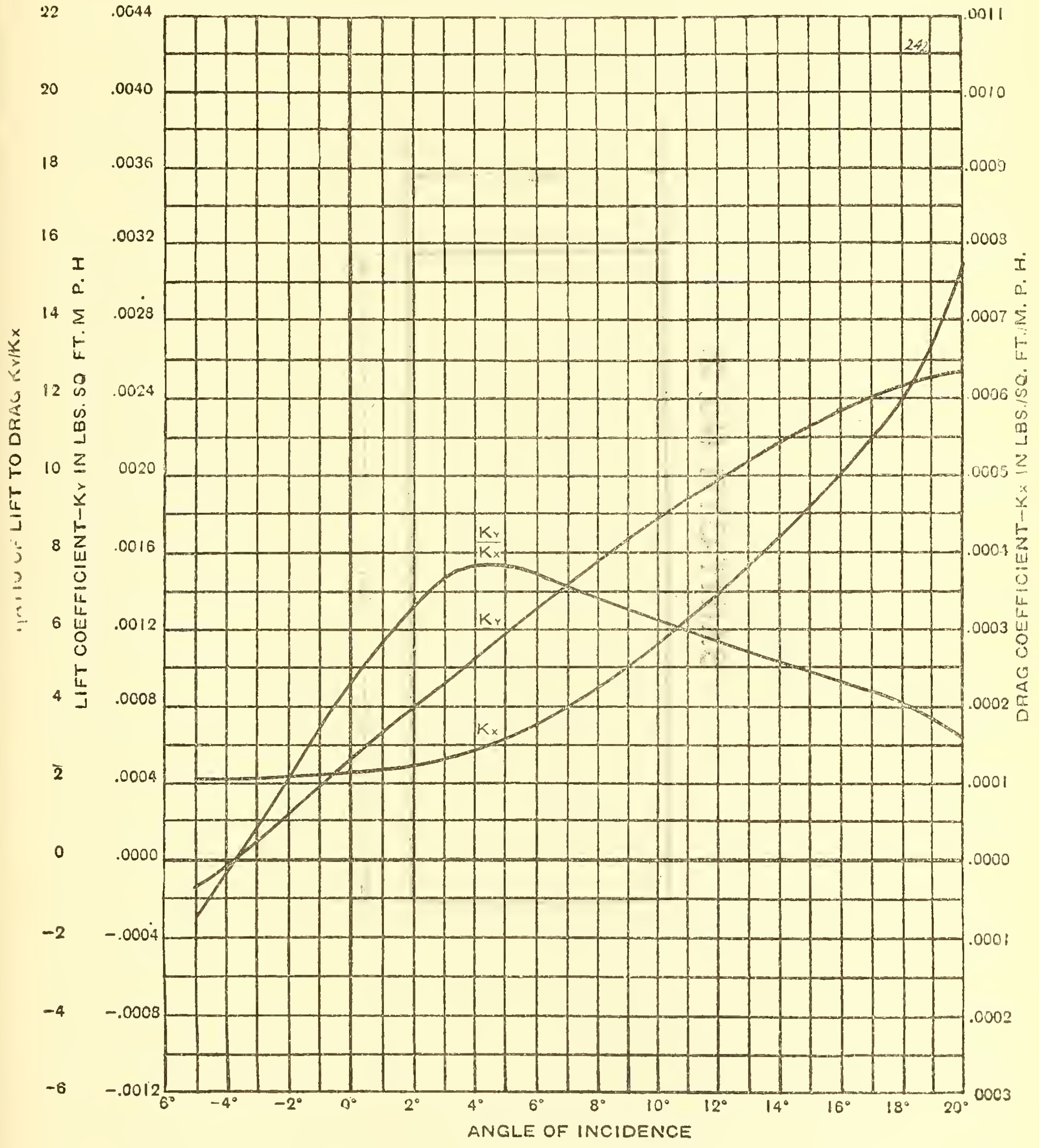


Distance from leading edge	0	.05	.20	.40	.60	.80	.95	1.00
Upper camber	.20	…………	.081	.0947	.0917	.059	…………	.10
Lower camber	.02	0	.0305	.0501	.0437	.0165	0	.01

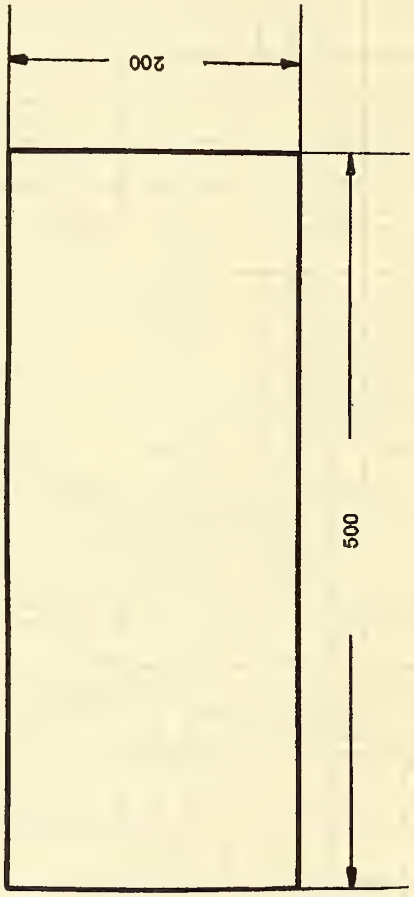
All dimensions given as decimal parts of chord.

AEROFOIL, SAINT-CYR No. 3.

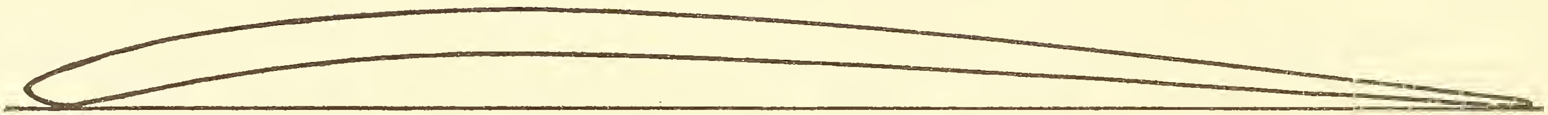
SIZE OF MODEL, 500 BY 200 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



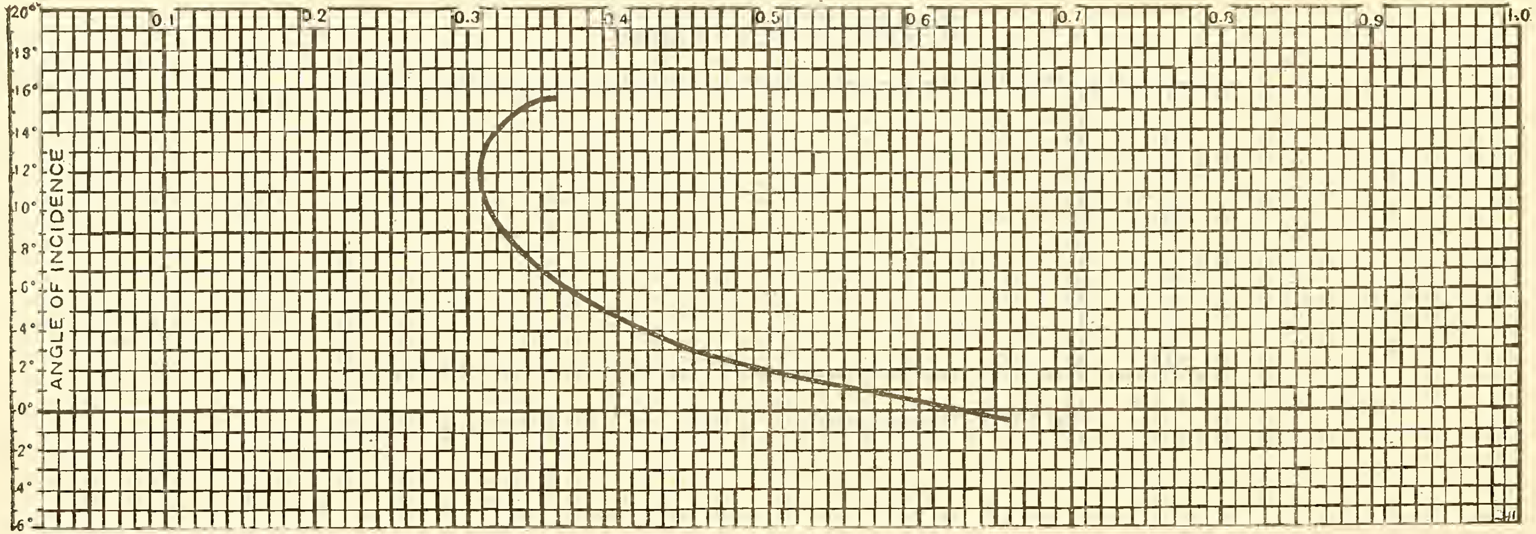
SAINT-CYR No. 2.



AEROFOIL, SAINT-CYR No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

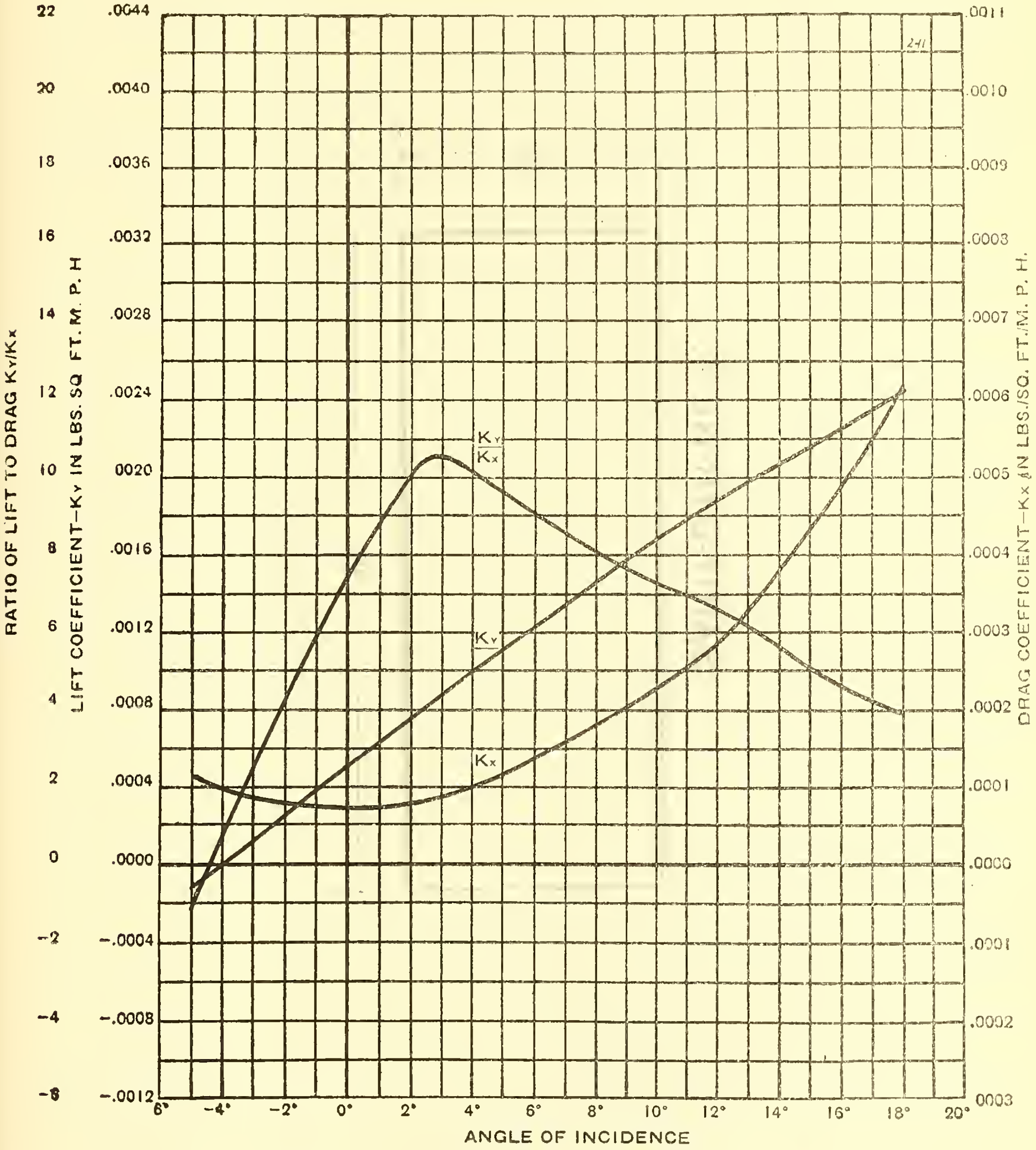


Distance from leading edge	0	.02	.20	.40	.60	.80	1.00
Up per camber	.015	....	.0552	.064	.0472	.0277	0
Lo wer camber	.015	0	.029	.0337	.023	.012	0

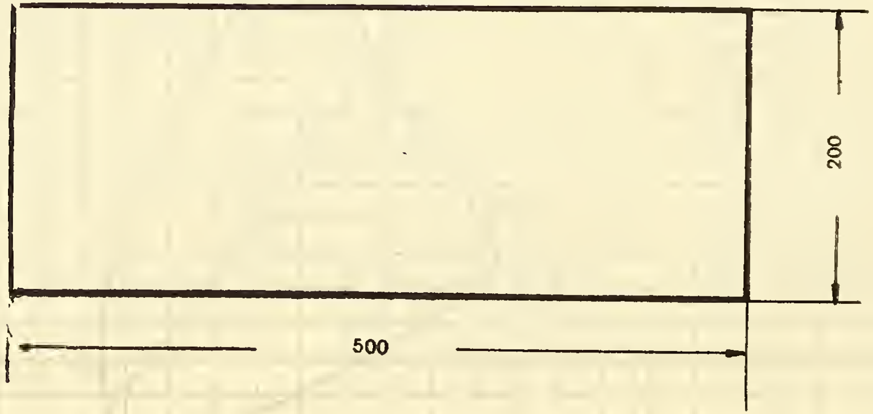
All dimensions given as decimal parts of chord.

AEROFOIL, SAINT-CYR No. 2.

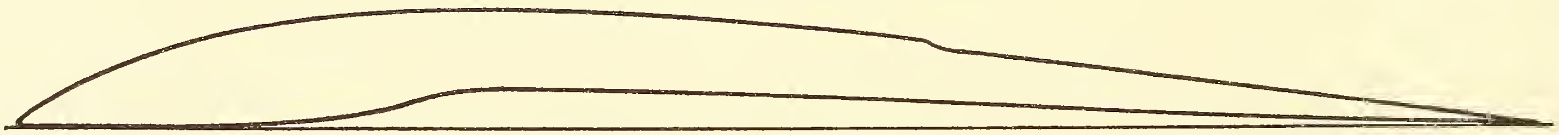
SIZE OF MODEL, 500 BY 200 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



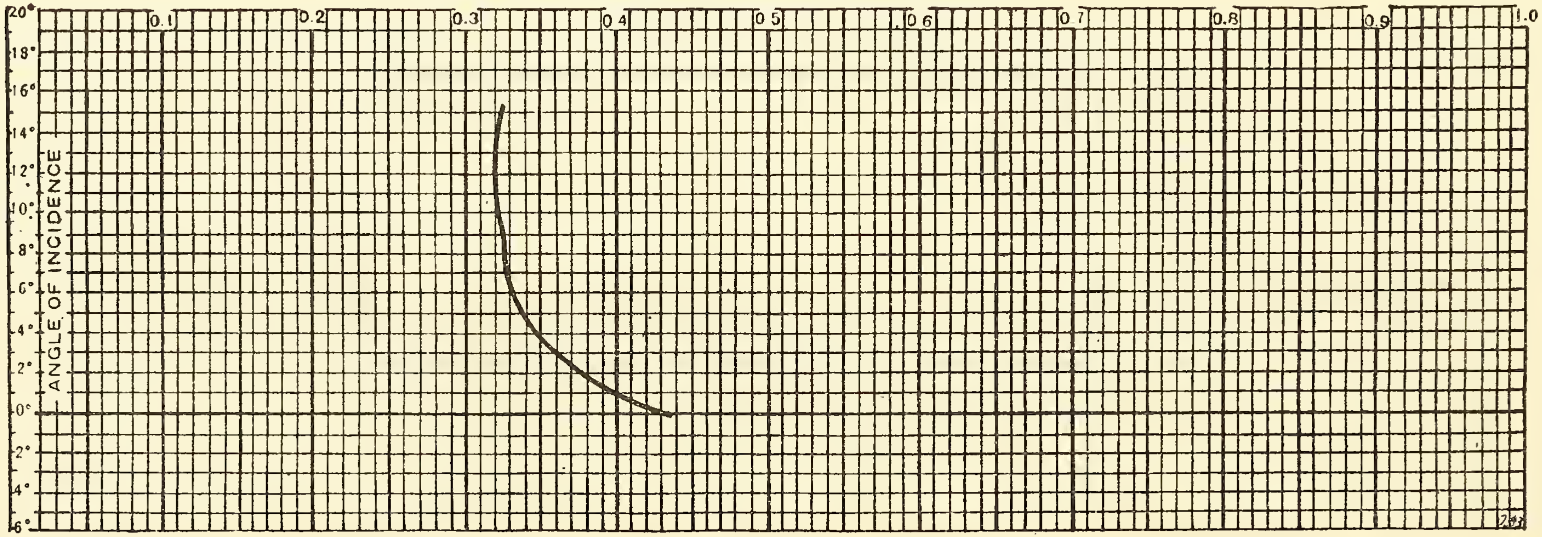
SAINT-CYR No. 3.



AEROFOIL, SAULNIER A.



CURVE OF CENTER OF PRESSURE TRAVEL

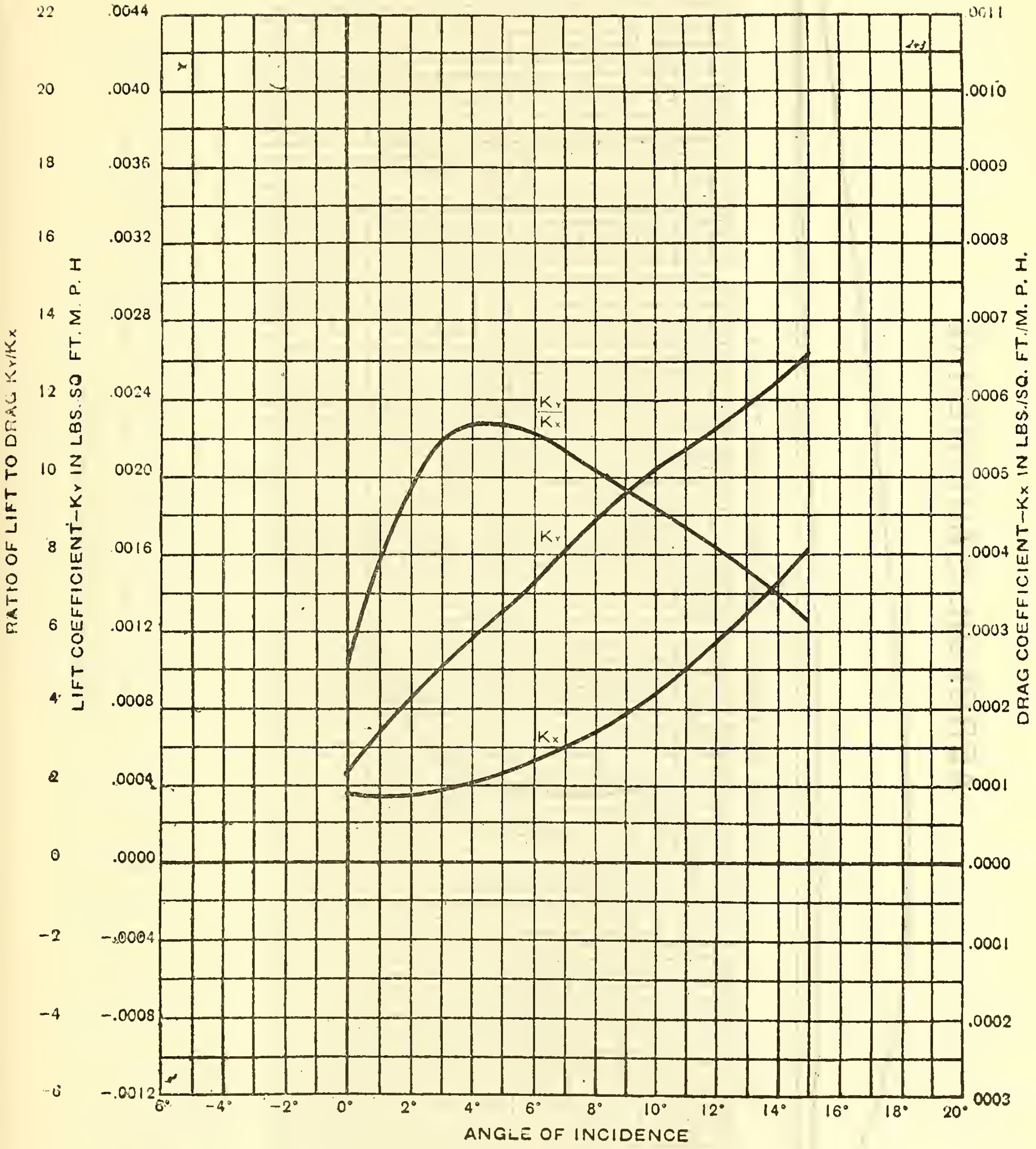


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.051	.07	.078	.073	.068	.057	.041	.03	.02	0
Lower camber	0	0	.005	.025	.024	.022	.02	.013	.009	.007	0

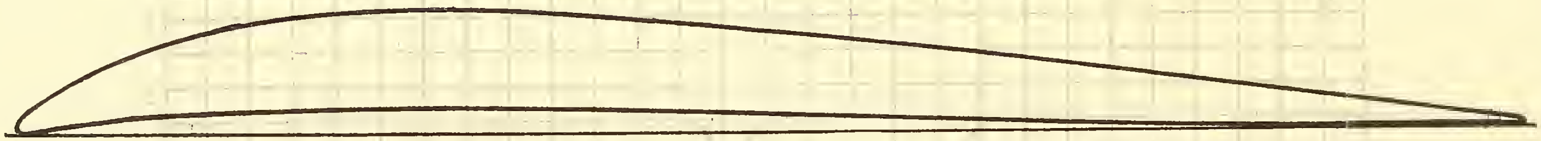
All dimensions given as decimal parts of chord.

AEROFOIL, SAULNIER A.

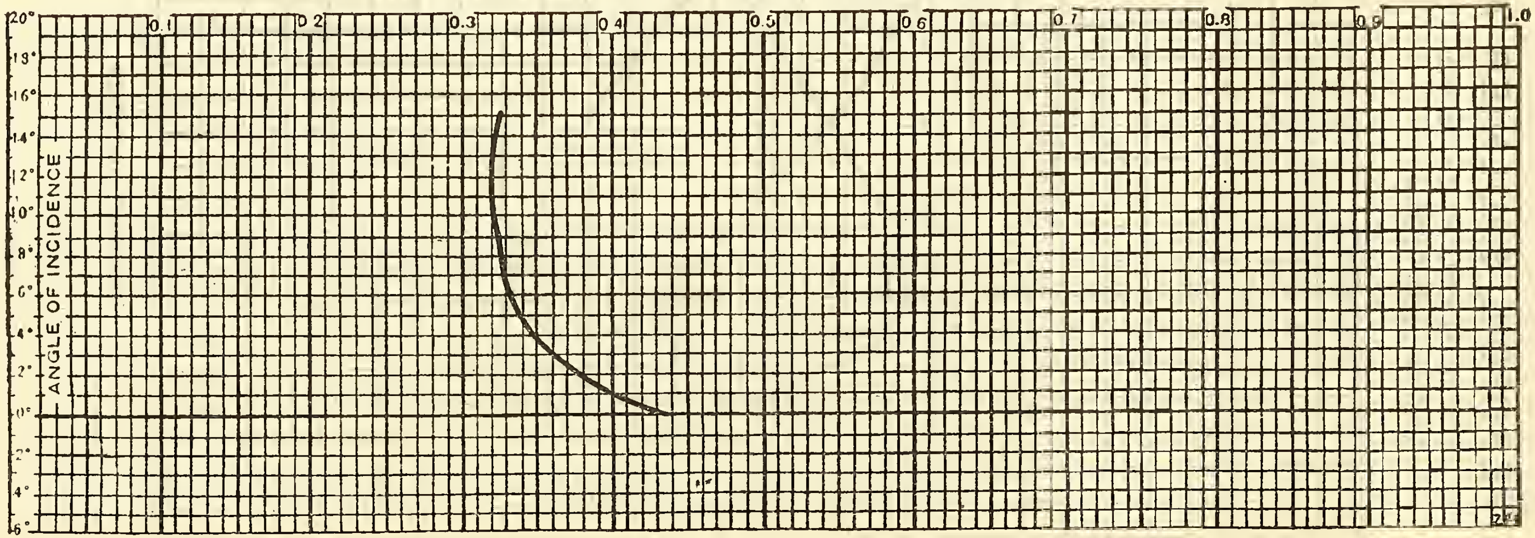
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, SAULNIER B.



CURVE OF CENTER OF PRESSURE TRAVEL

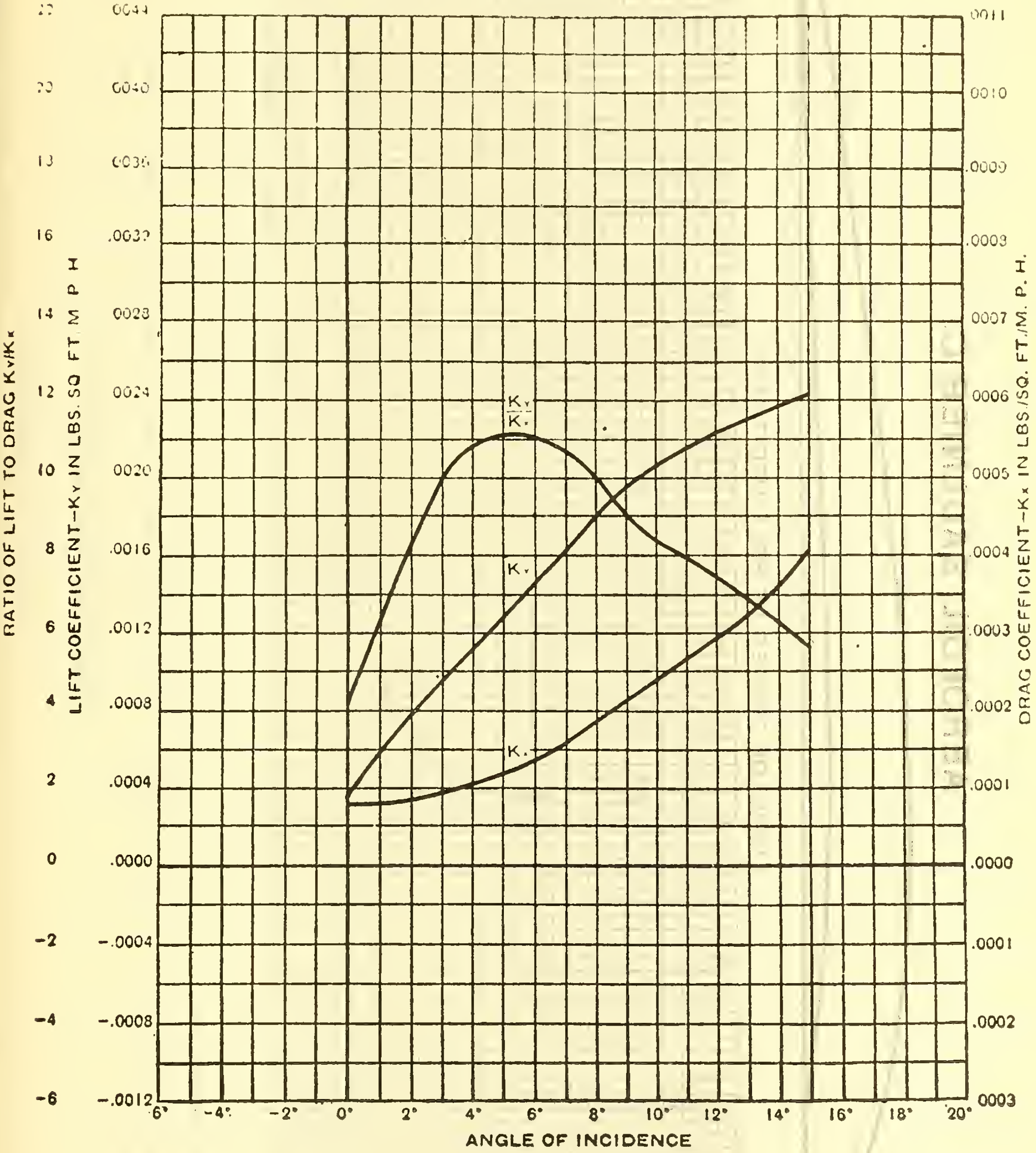


Distance from leading edge	0	.01	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.005		.06	.078	.08	.074	.067	.057	.045	.03	.02	0
Lower camber	.005	0	.012	.018	.017	.016	.012	.01	.007	.002	.001	0

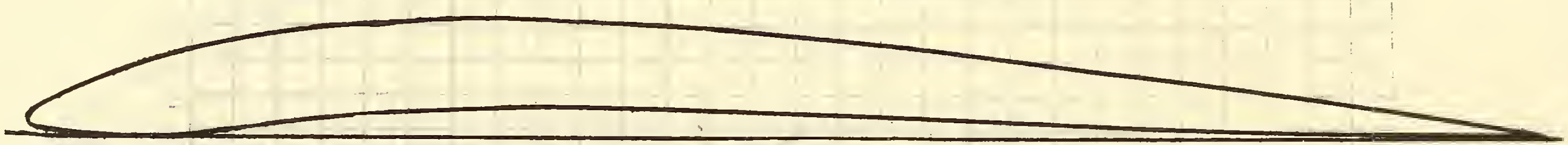
All dimensions given as decimal parts of chord.

AEROFOIL, SAULNIER B.

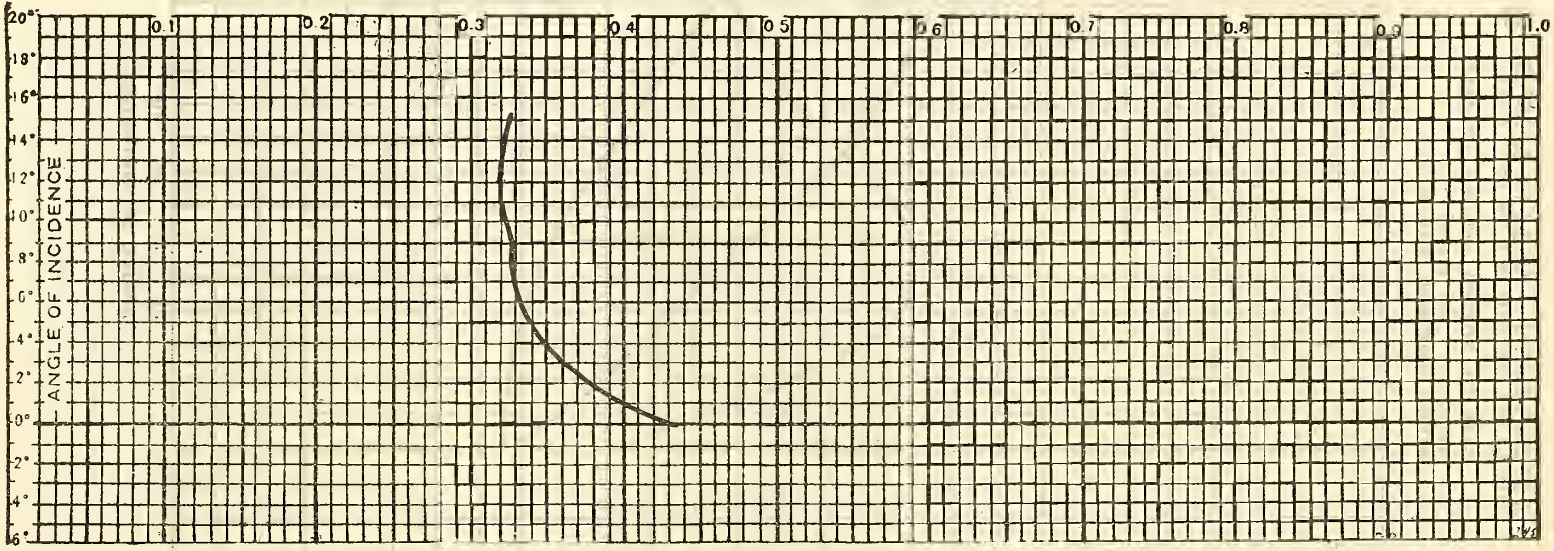
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, SAULNIER C.



CURVE OF CENTER OF PRESSURE TRAVEL

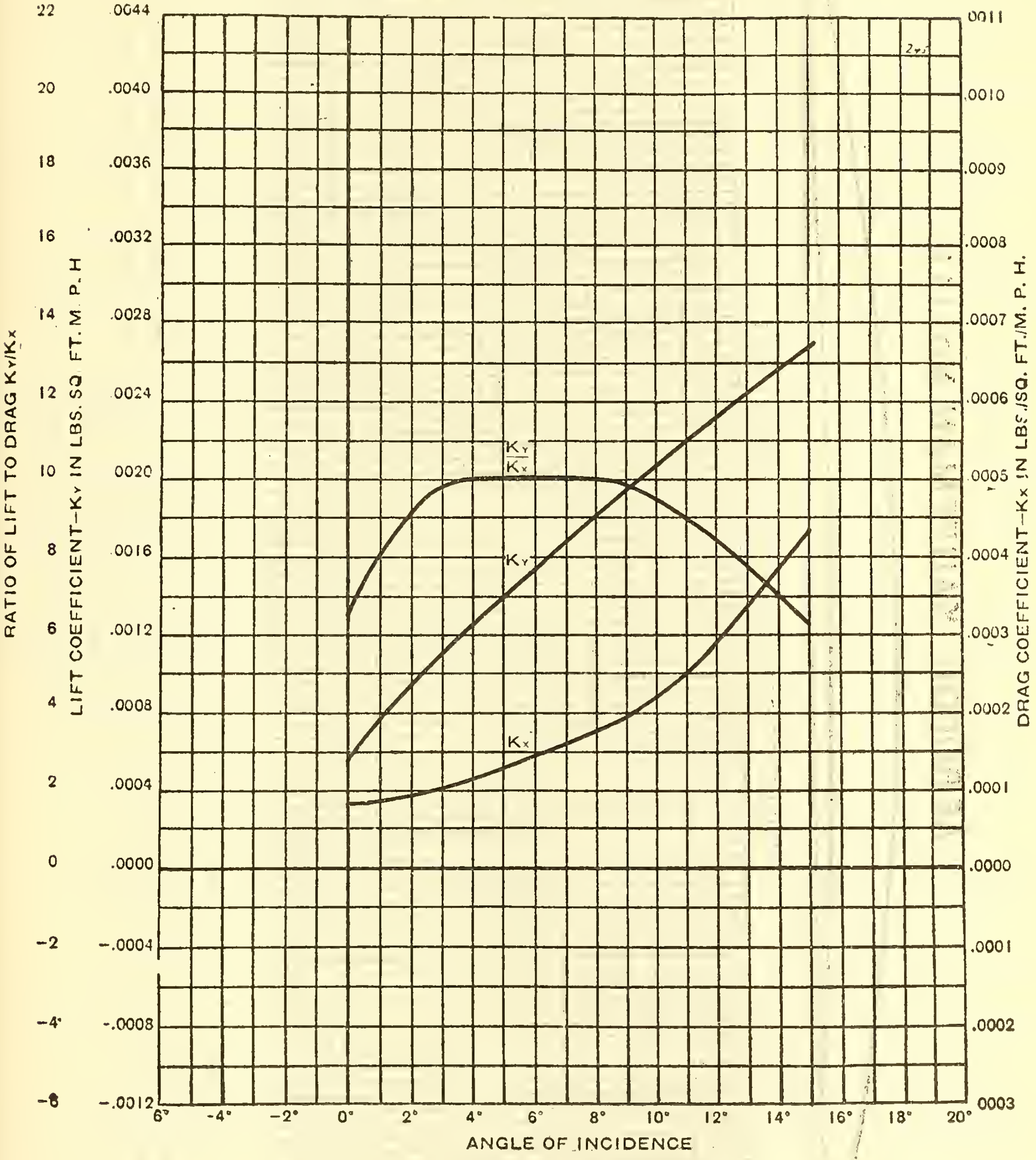


Distance from leading edge	0	.07	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.013	.05	.072	.077	.073	.068	.057	.044	.03	.02	0
Lower camber	.013	0	.012	.02	.02	.018	.012	.01	.005	.002	0

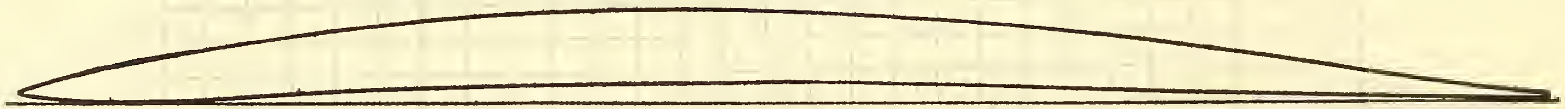
All dimensions given as decimal parts of chord.

AEROFOIL, SAULNIER C.

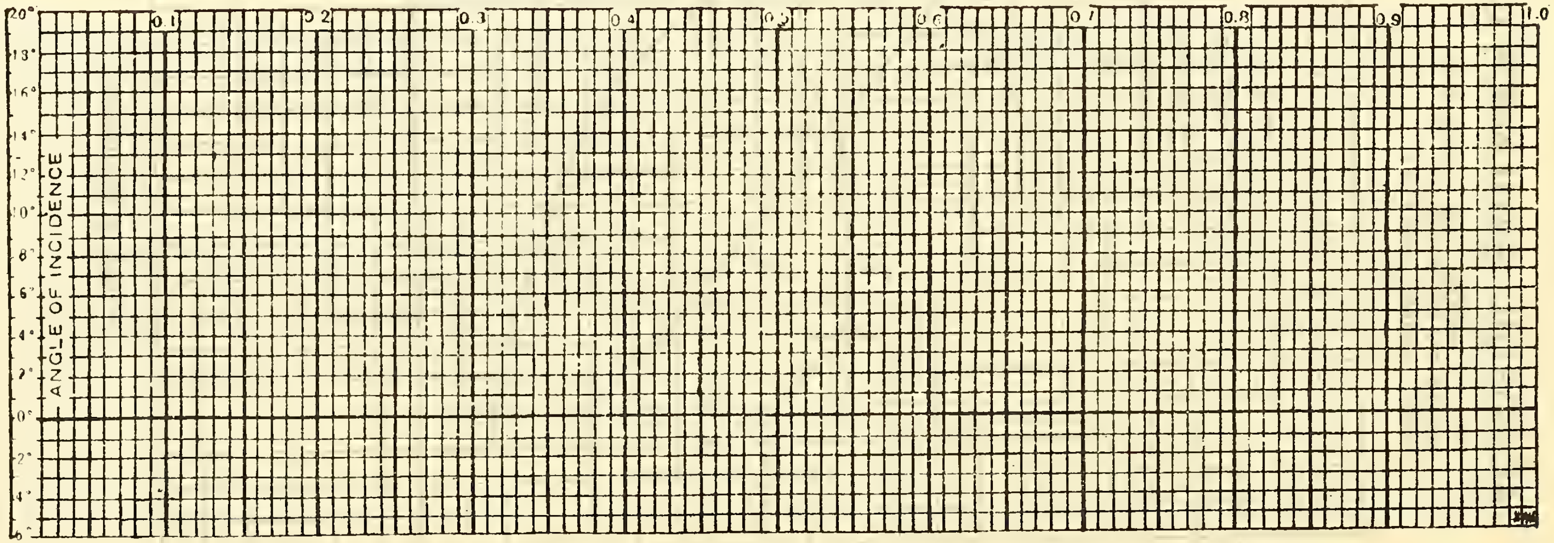
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, -------.
WIND TUNNEL, EIFFEL.



AEROFOIL, KAUFFMAN No. 111.



CURVE OF CENTER OF PRESSURE TRAVEL

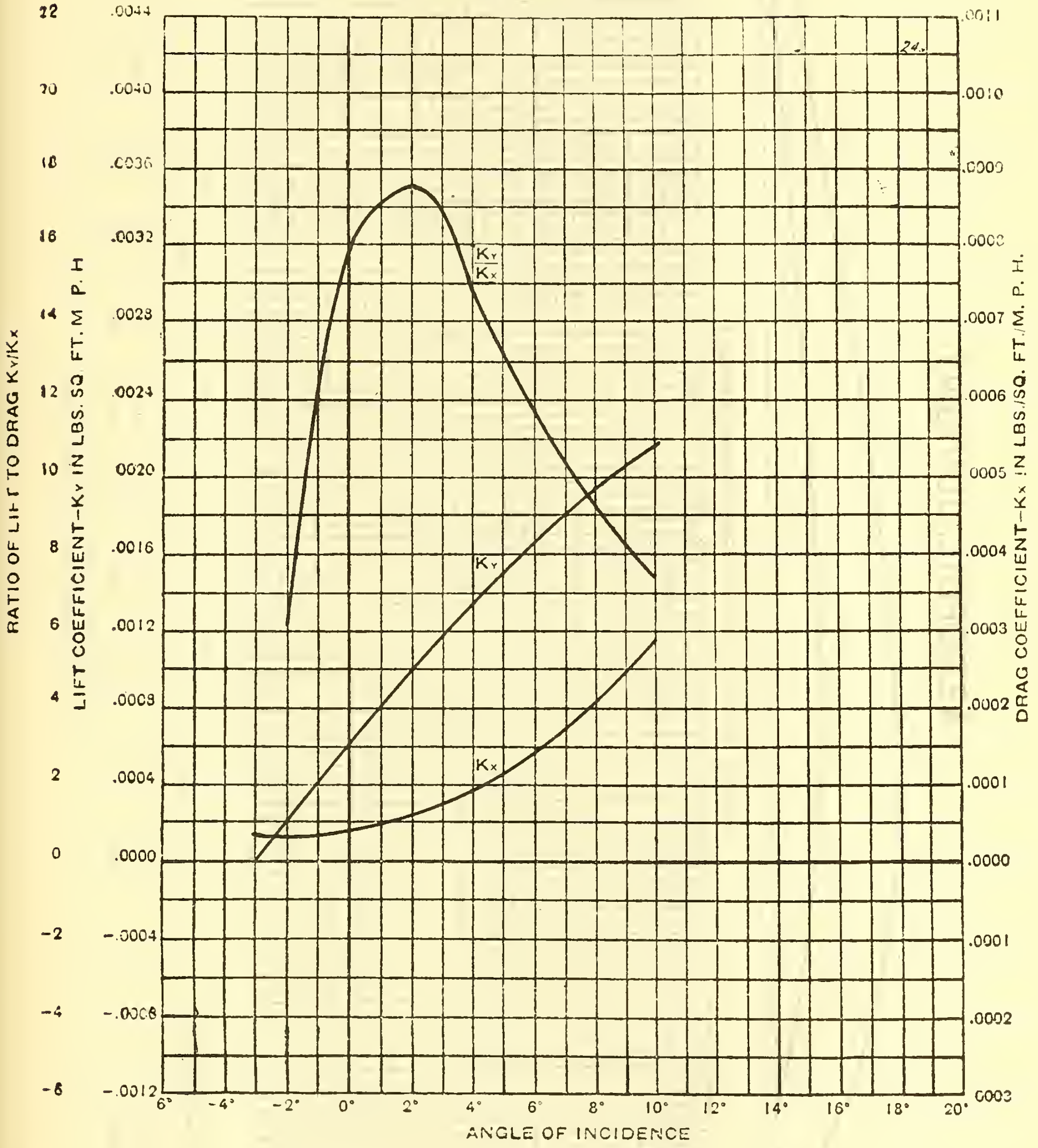


Distance from leading edge	0	.04	.06	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	.98	1.00
Upper camber	.008	.021	.0263	.035	.0497	.0595	.0615	.060	.0521	.0436	.031	.0178	.0115	.0057	.0033
Lower camber	.008	.001	0	.0012	.006	.01075	.0122	.0122	.011	.00865	.006	.0031	.002	.0005	0

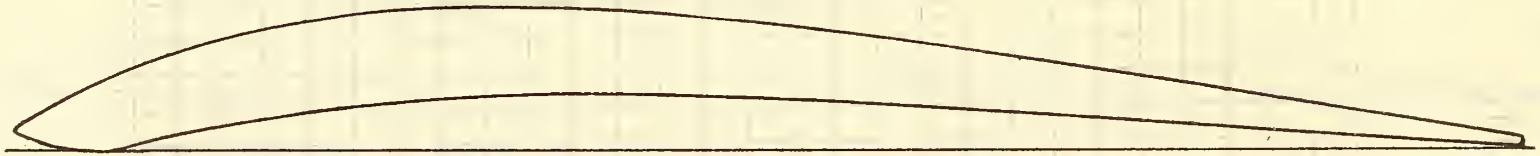
All dimensions given as decimal parts of chord.

AEROFOIL, KAUFFMAN No. 111.

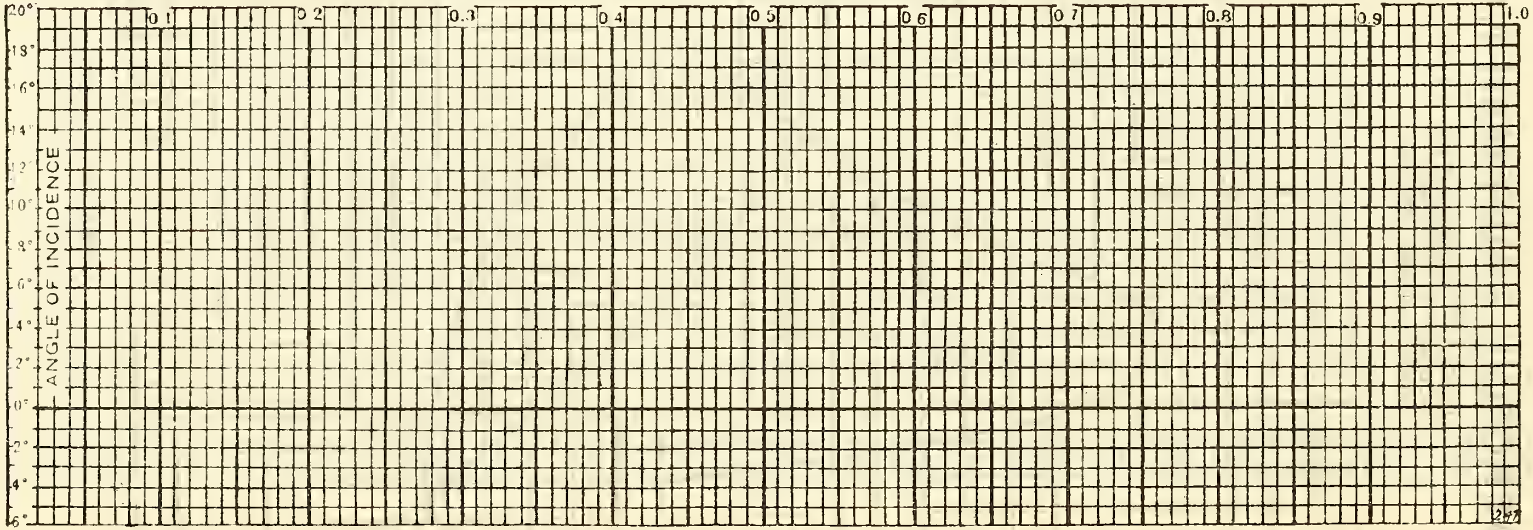
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, -------.
WIND TUNNEL, EIFFEL.



AEROFOIL, JUVIGNY.



CURVE OF CENTER OF PRESSURE TRAVEL

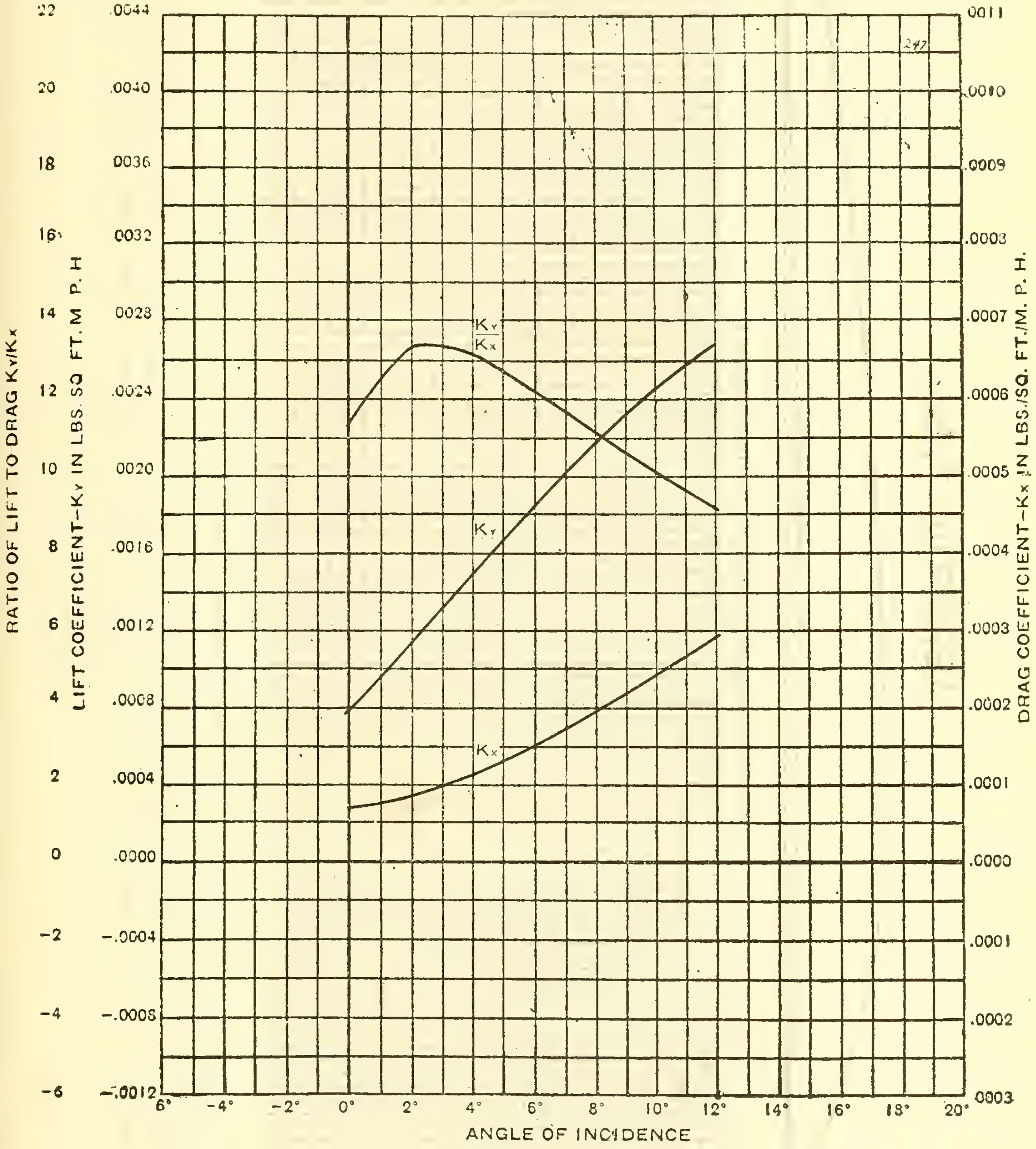


Distance from leading edge	0	.062	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.013	.047	.066	.082	.095	.091	.082	.068	.057	.087	.023	.0062
Lower camber	.013	0	.01	.022	.035	.035	.035	.028	.022	.015	.01	0

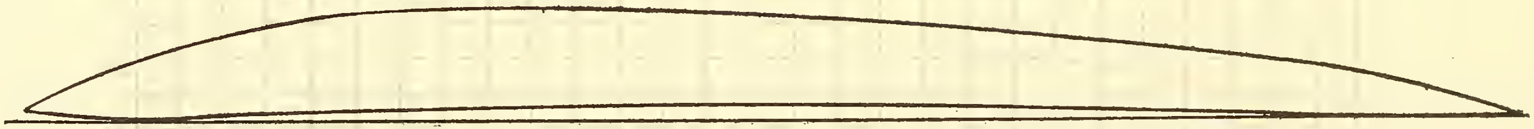
All dimensions given as decimal parts of chord.

AEROFOIL, JUVIGNY.

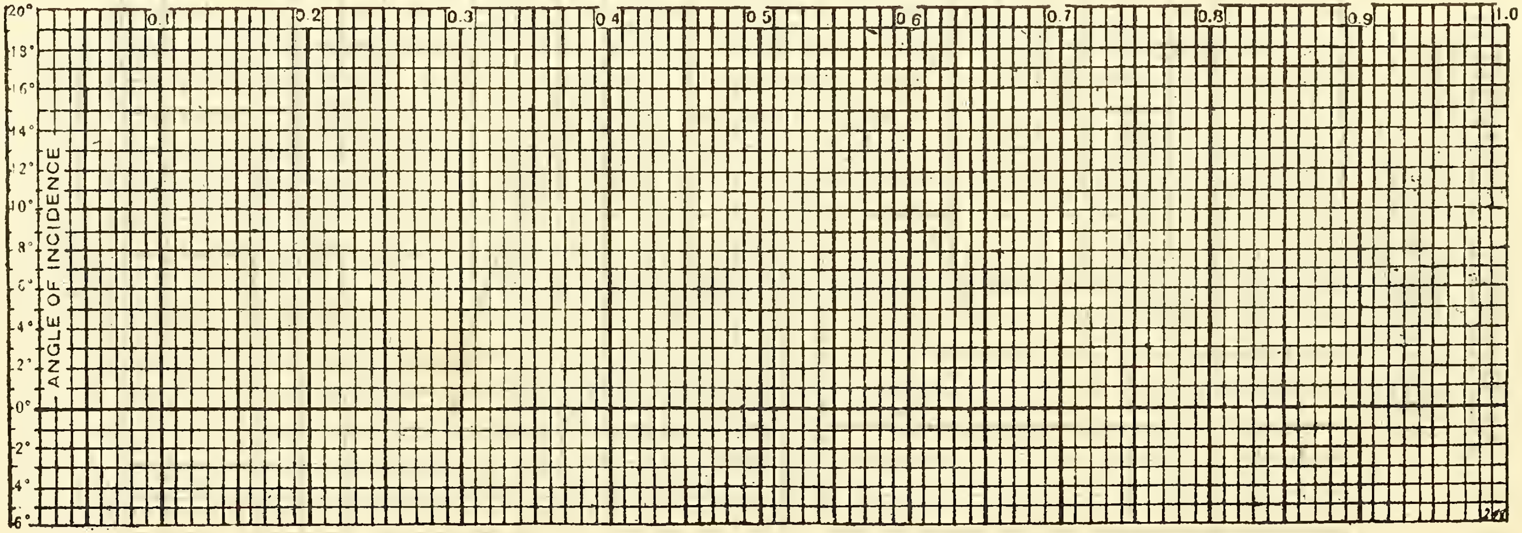
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, S. E. A.



CURVE OF CENTER OF PRESSURE TRAVEL

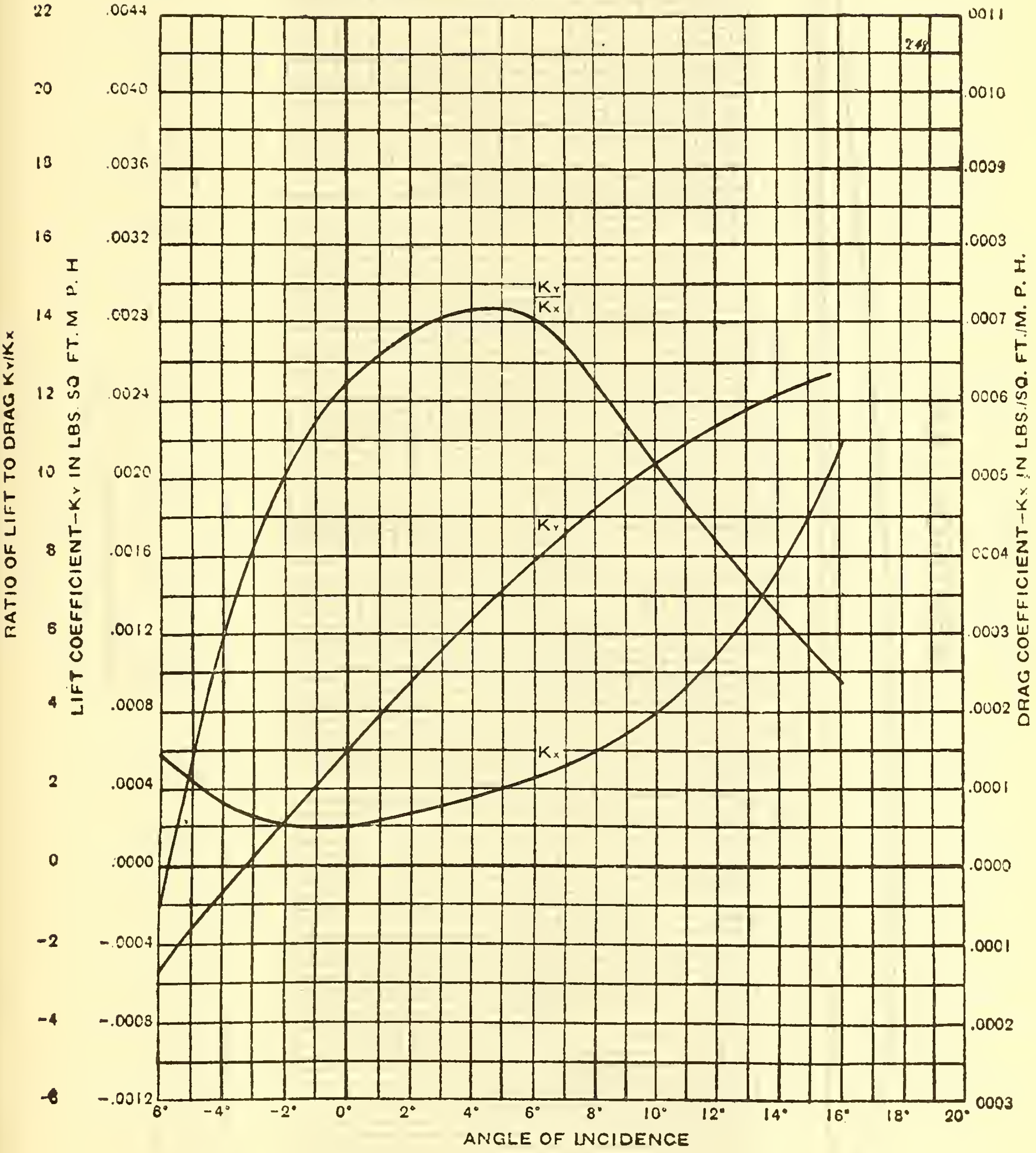


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	1.00
Upper camber	.0075	.0315	.04975	.068	.072	.0712	.0683	.0625	.054	.042	.0245	.007	0
Lower camber	.0075	.002	0	.0055	.009	.0089	.006	.0025	.0009	.0008	....	0	0

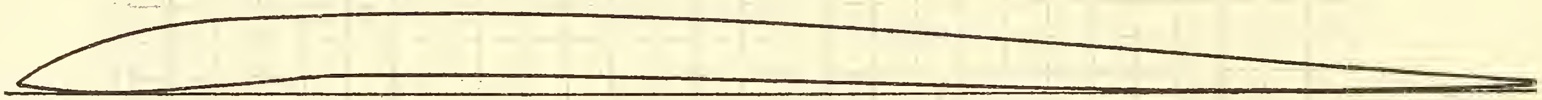
All dimensions given as decimal parts of chord.

AEROFOIL, S. E. A.

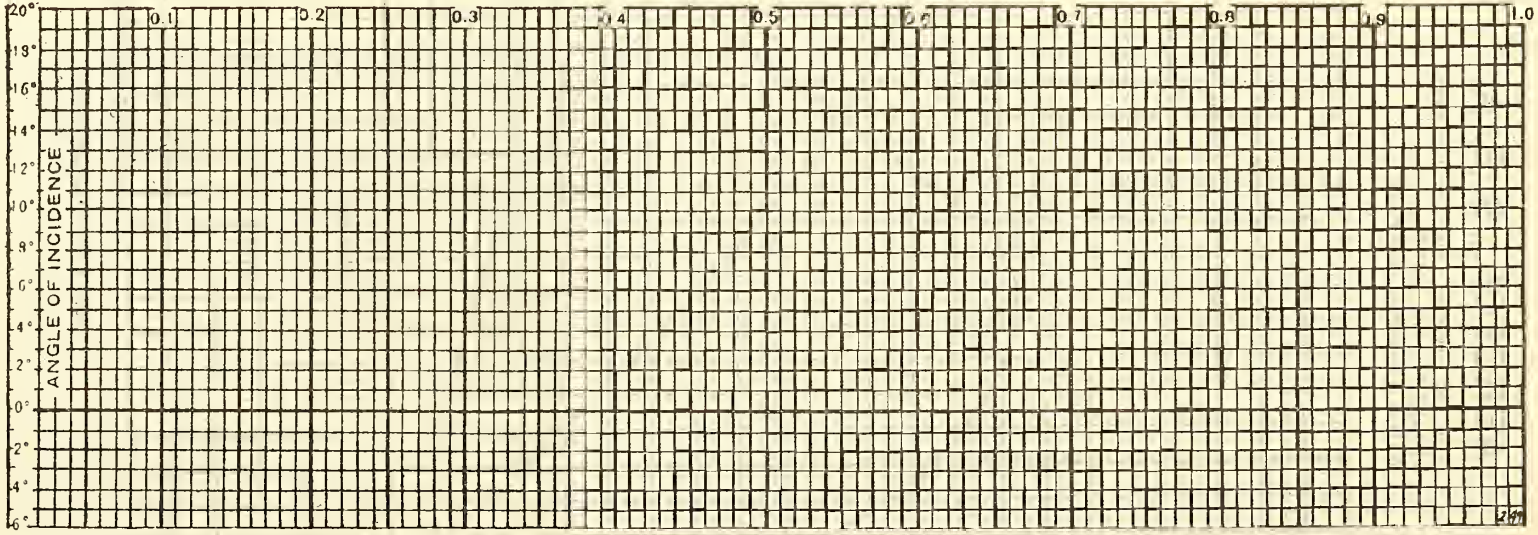
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, -------.
WIND TUNNEL, EIFFEL.



AEROFOIL, AR.



CURVE OF CENTER OF PRESSURE TRAVEL

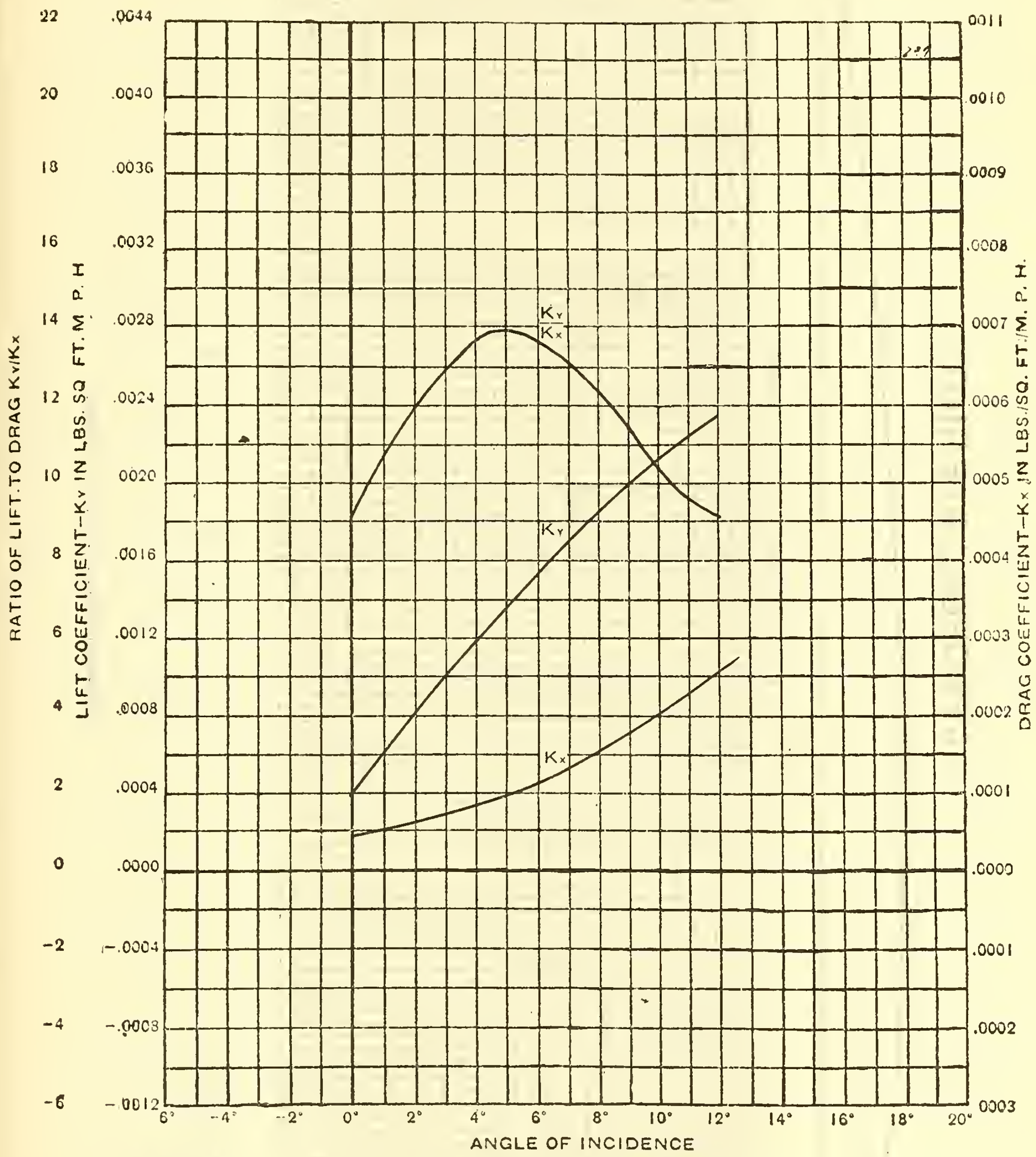


Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.007	.035	.044	.051	.0545	.054	.049	.0417	.0325	.0245	.0155	.0065
Lower camber	.007	0	.0081	.013	.0155	.013	.009	.0073	.003	0	.0005	.0065

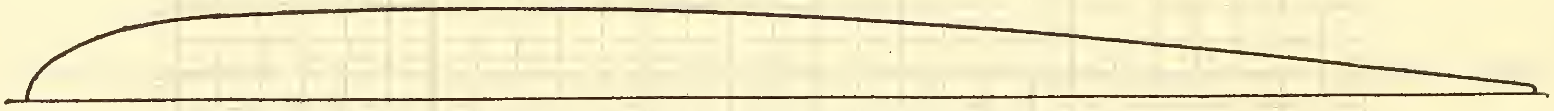
All dimensions given as decimal parts of chord.

AEROFOIL, AR.

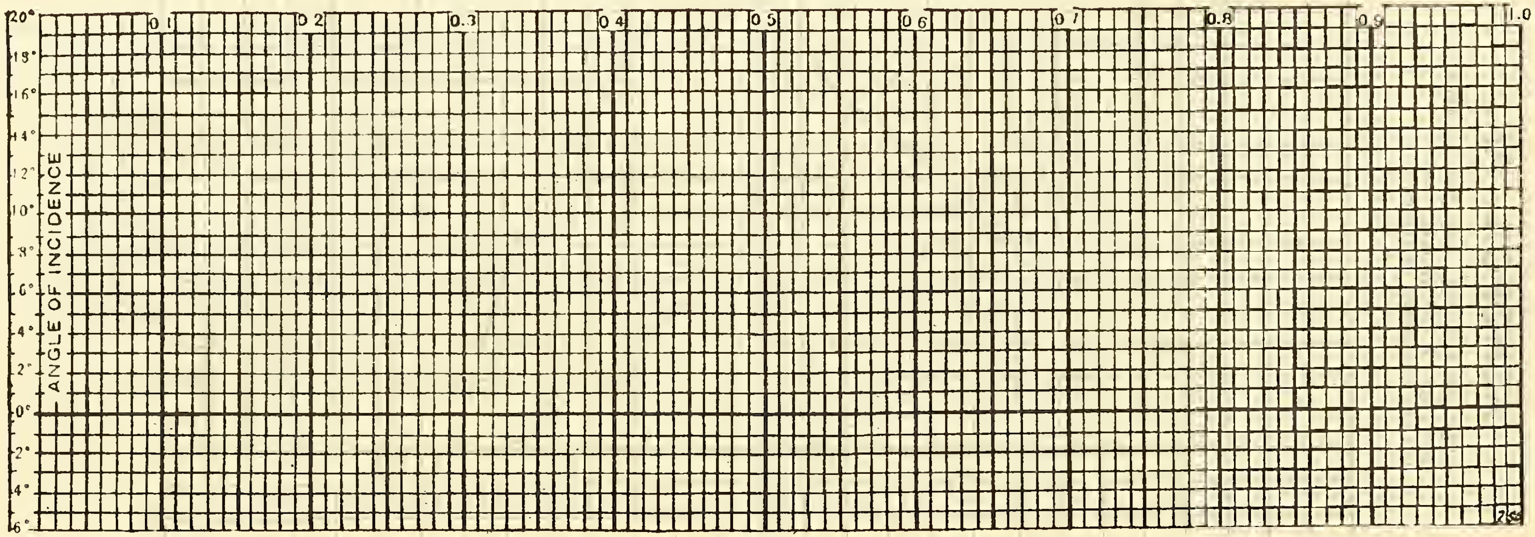
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, BLERIOT.



CURVE OF CENTER OF PRESSURE TRAVEL

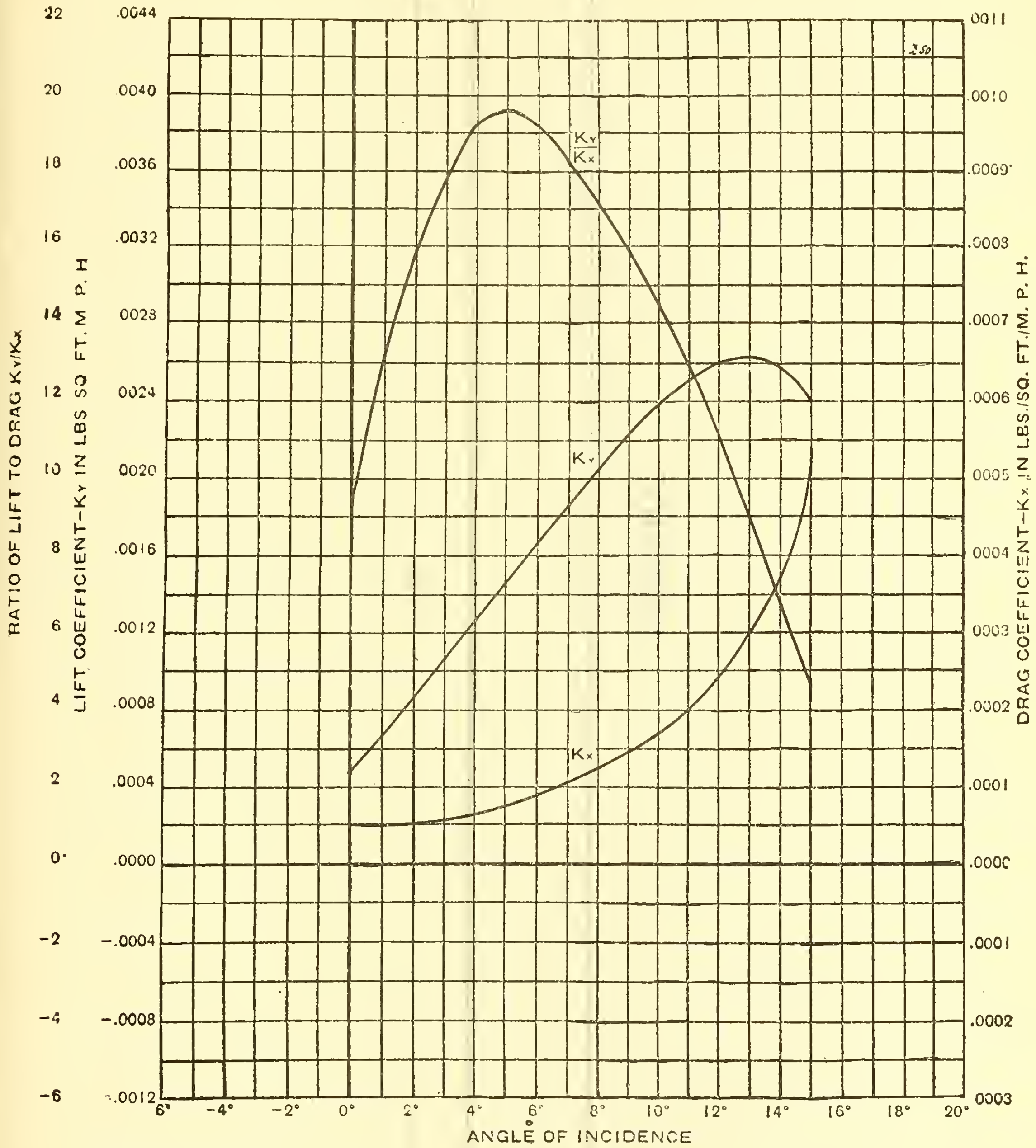


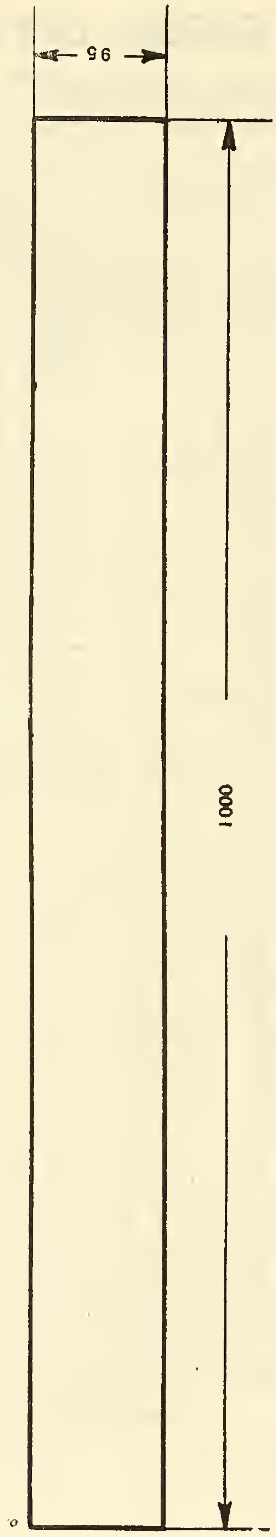
Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.053	.057	.06	.058	.052	.046	.037	.026	.016	.0045
Lower camber	0	0	0	0	0	0	0	0	0	0	0

All dimensions given as decimal parts of chord.

AEROFOIL, BLERIOT.

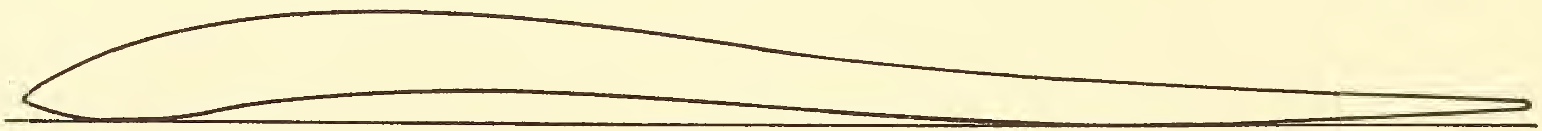
SIZE OF MODEL, 1000 BY 95 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



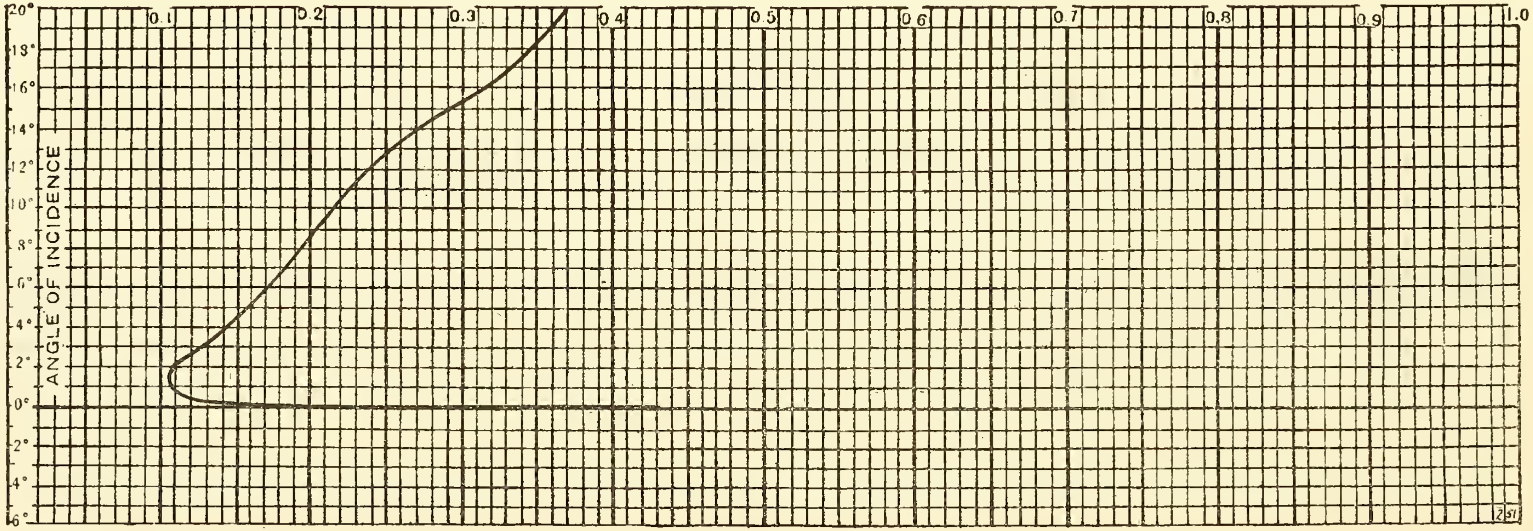


BLERIOT.

AEROFOIL, ODIER No. 110.



CURVE OF CENTER OF PRESSURE TRAVEL

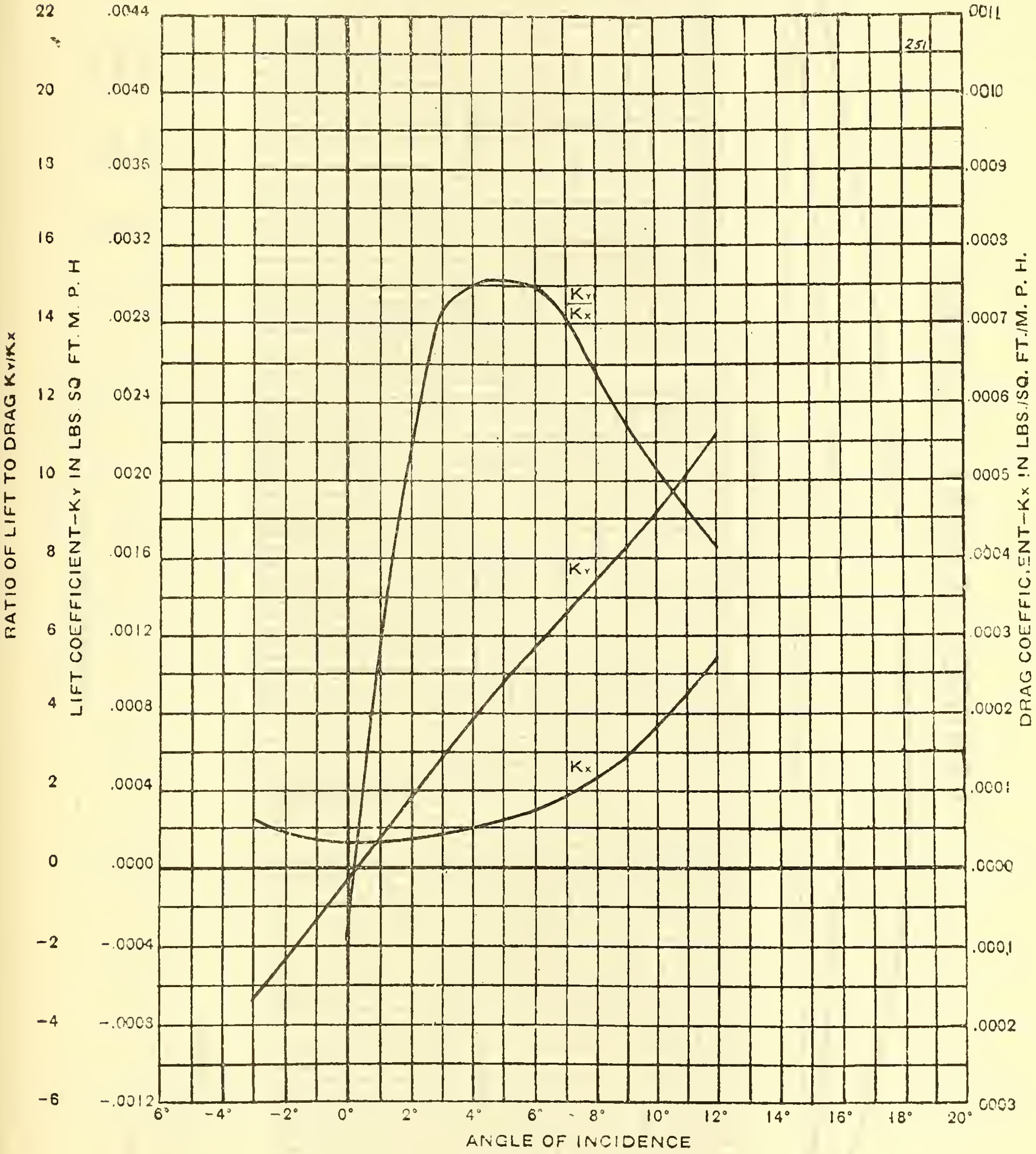


Distance from leading edge	0	.066	.0133	.20	.267	.333	.40	.467	.533	.60	.666	.733	.80	.866	.933	1.00
Upper camber	.0133	.05	.0633	.07	.0733	.07	.06	.0533	.0466	.0366	.0353	.0286	.0233	.02	.0233	.02
Lower camber	.0133	0	.01	.0166	.02	.0233	.02	.0133	.01	.0066	.0053	.002	0	.0033	.01	.0133

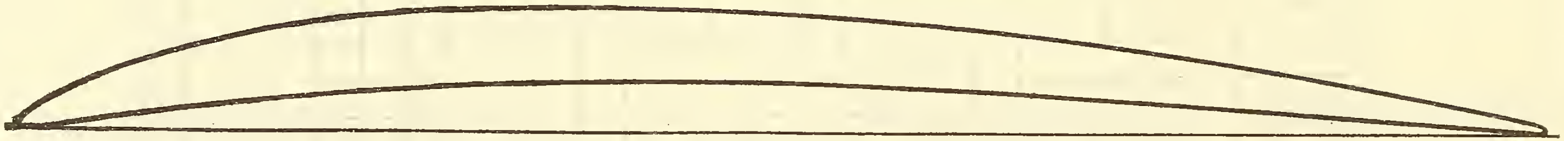
All dimensions given as decimal parts of chord.

AEROFOIL, ODIER No. 110.

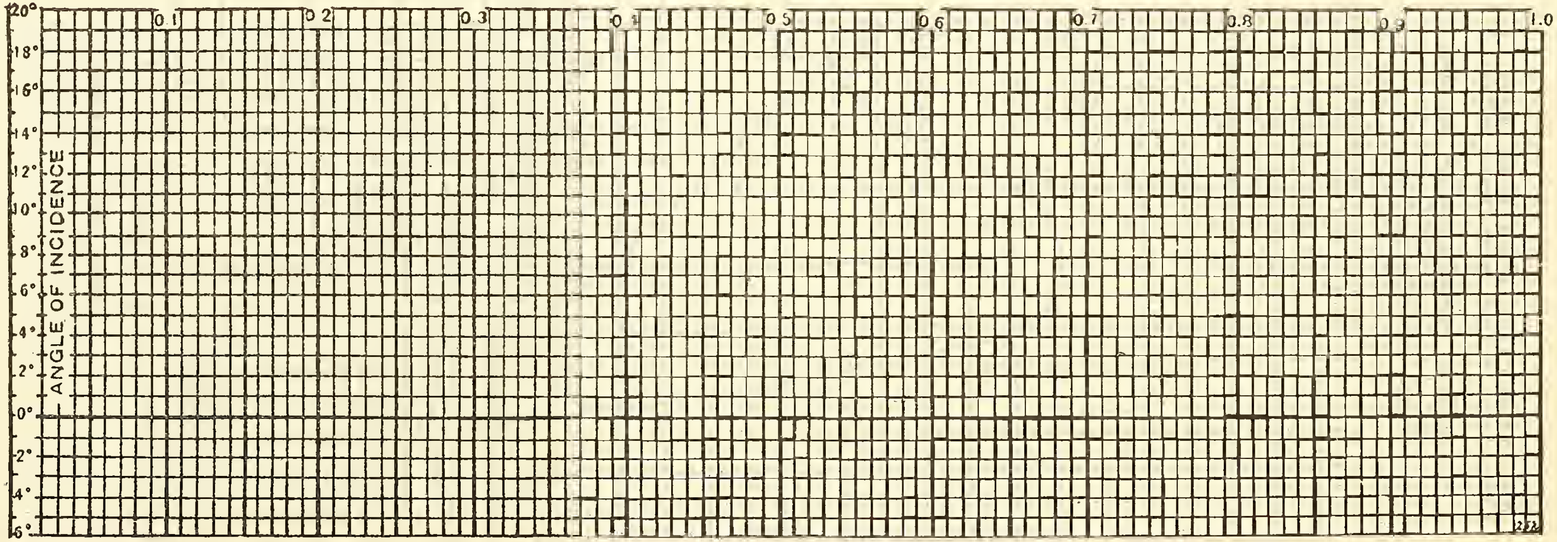
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL (DORAND).



CURVE OF CENTER OF PRESSURE TRAVEL

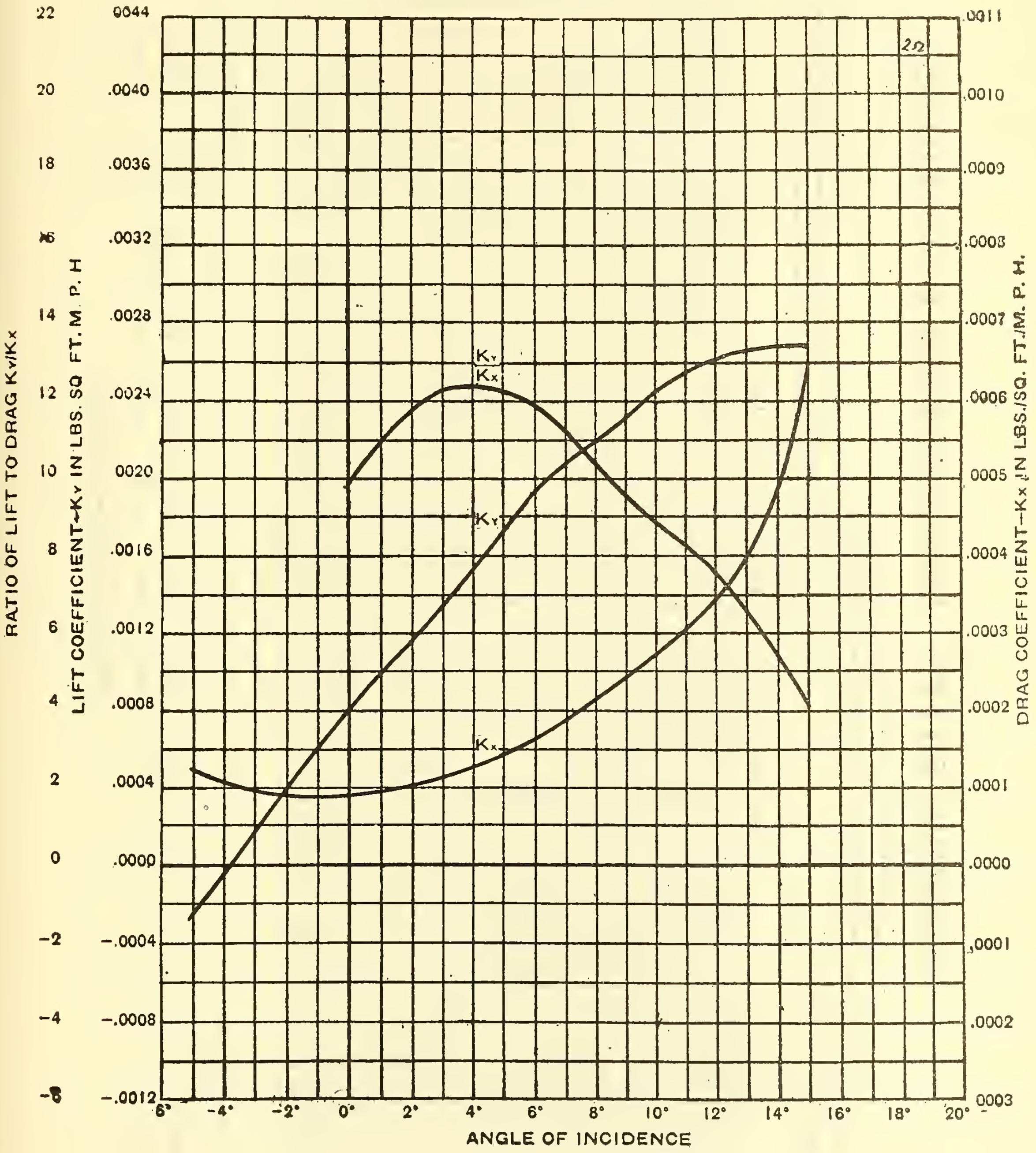


Distance from leading edge	0	.22	.44	.66	.88	1.00
Upper camber		.072	.0756	.061	.0294	
Lower camber	0	.028	.0308	.0258	.0074	0

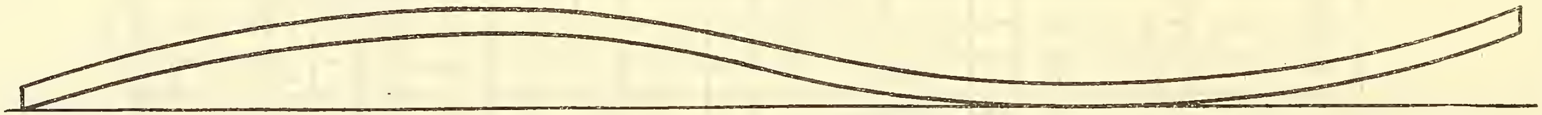
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL (DORAND).

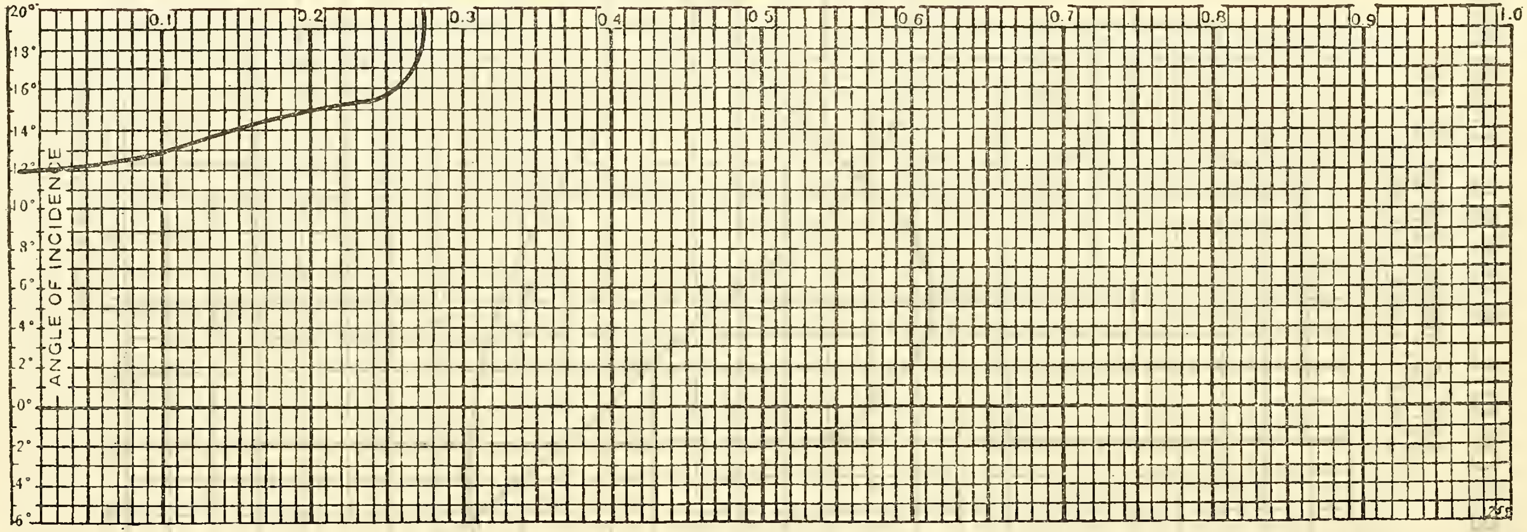
SIZE OF MODEL, 810 BY 135 MM.
VELOCITY OF WIND, 55.9 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, EIFFEL (WITH REVERSE CURVATURE).



CURVE OF CENTER OF PRESSURE TRAVEL

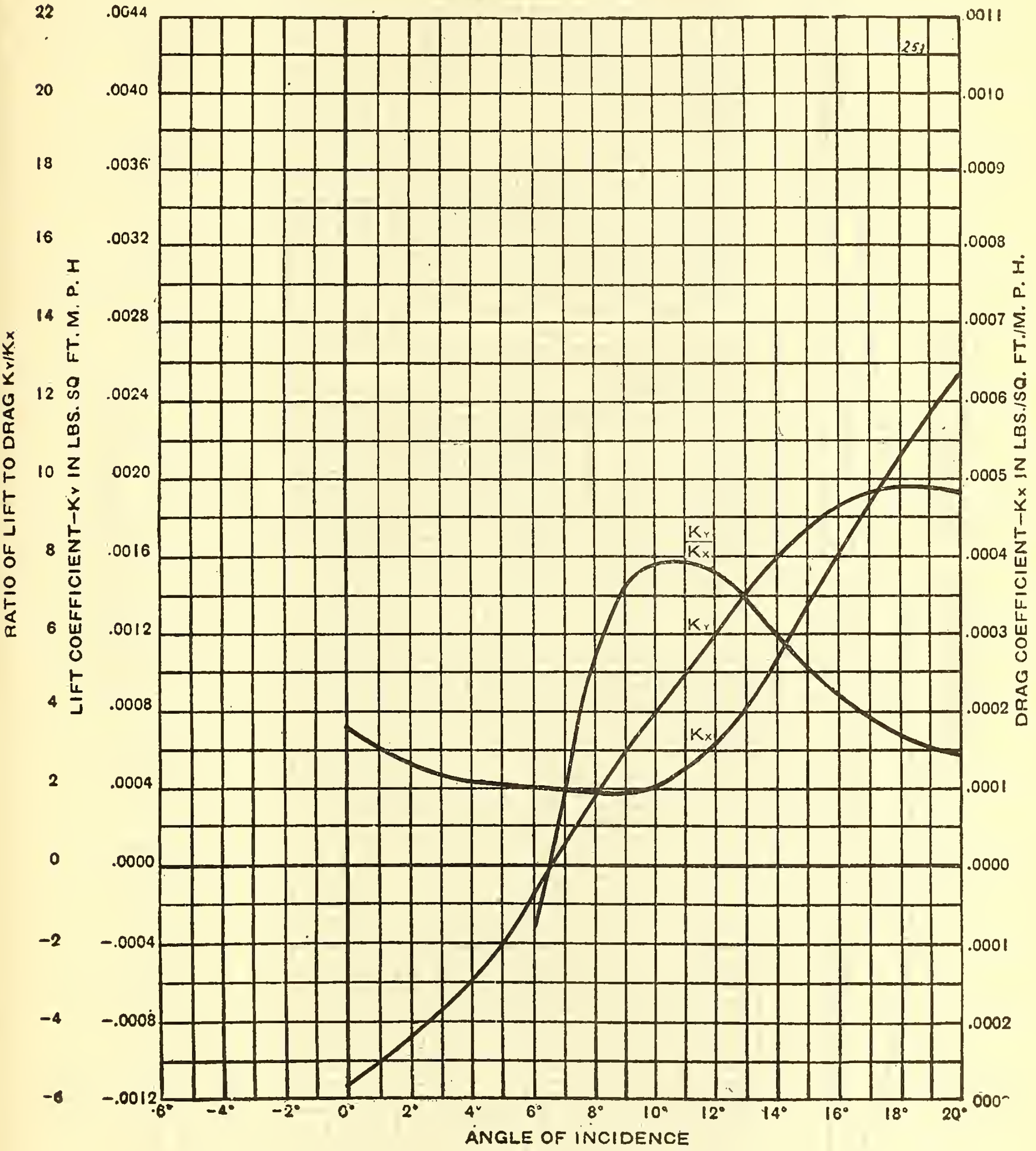


Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0133	.042	.06	.0667	.06	.042	.022	.0133	.022	.04	.066
Lower camber	0	.0266	.0465	.05	.0465	.0266	.0066	0	.0066	.0213	.05

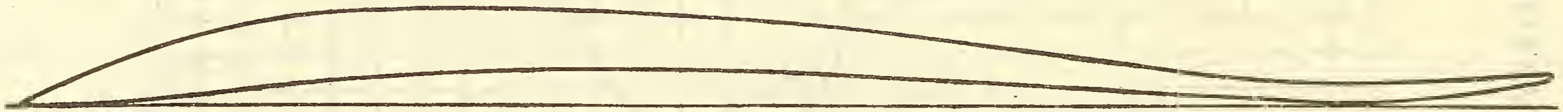
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL (WITH REVERSE CURVATURE).

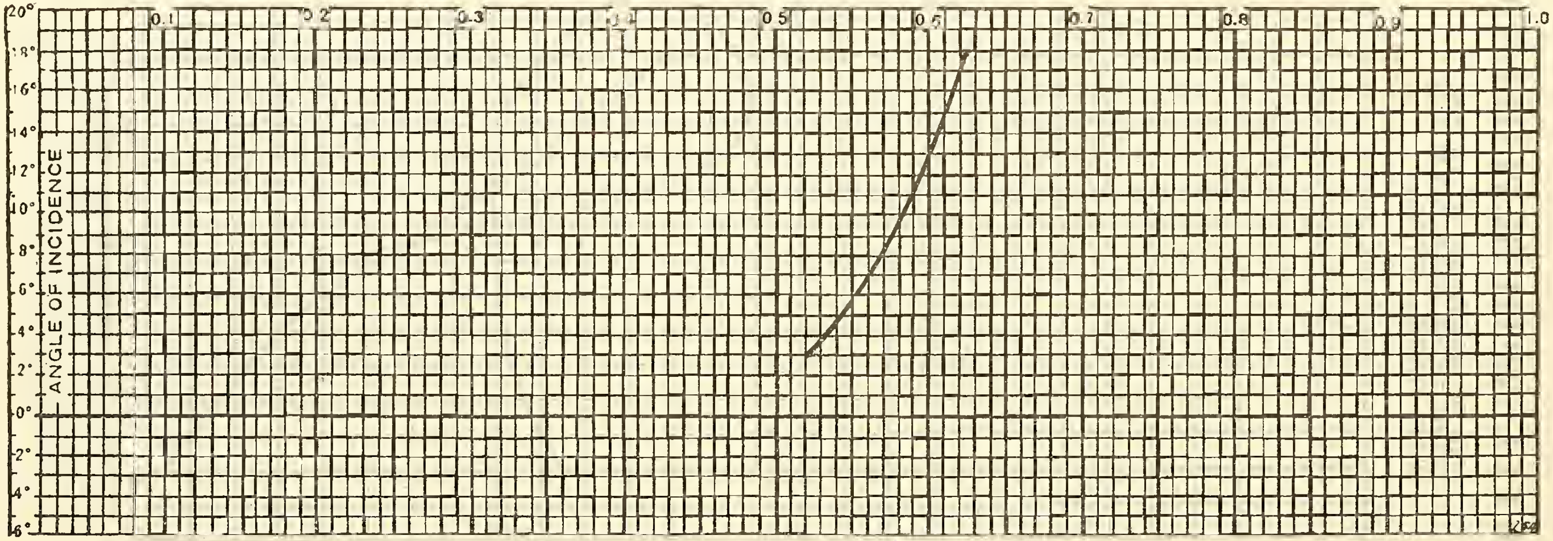
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 29.1 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, MALLET-50°.



CURVE OF CENTER OF PRESSURE TRAVEL

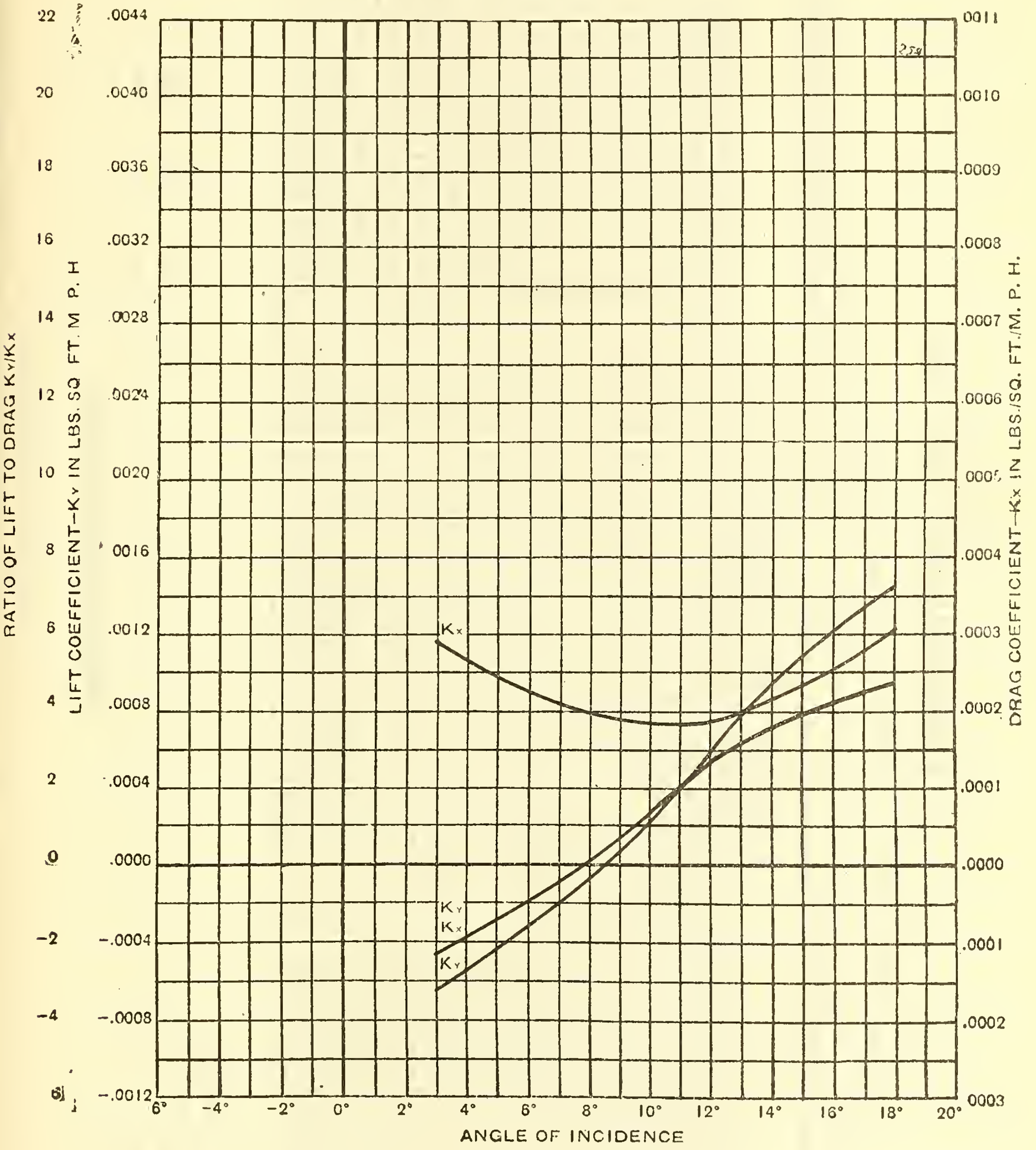


Distance from leading edge	0	.20	.40	.60	.80	.82	1.00
Upper camber	0	.0603	.06	.0386	.0133	....	.0148
Lower camber	0	.0146	.0266	.016	.00665	0	.0106

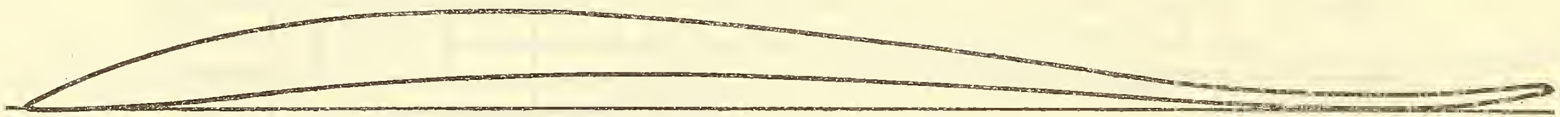
All dimensions given as decimal parts of chord.

AEROFOIL, MALLET-50°.

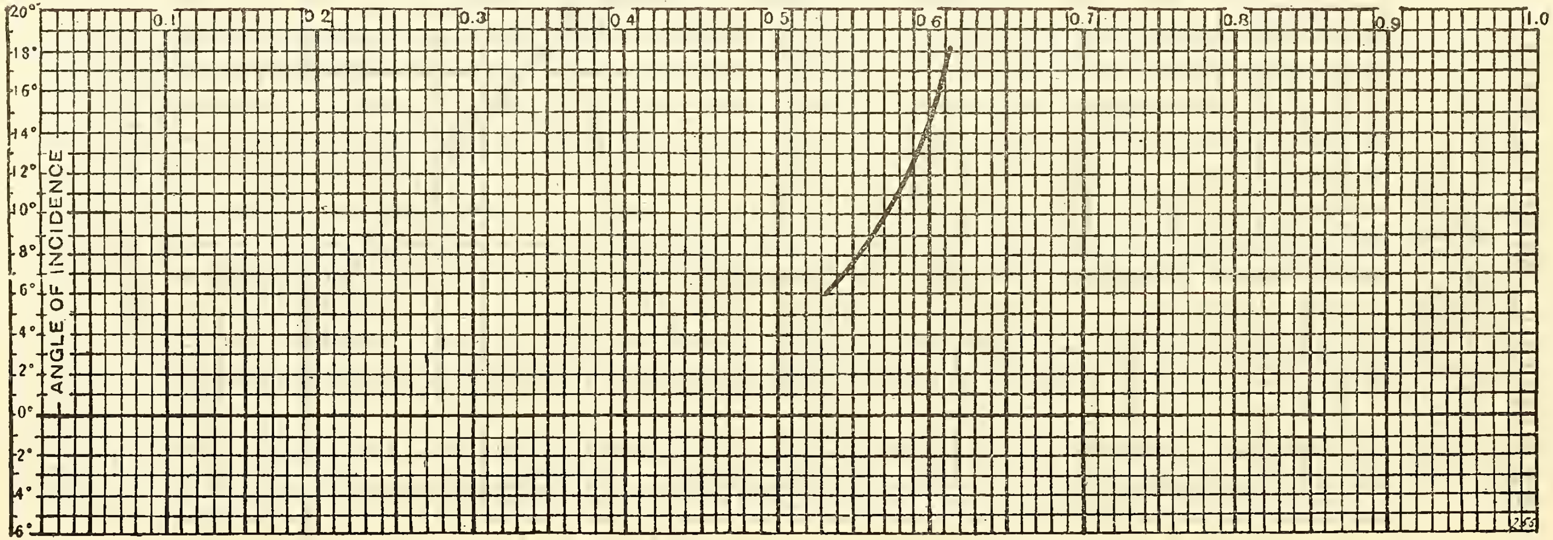
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, MALLET-70°.



CURVE OF CENTER OF PRESSURE TRAVEL

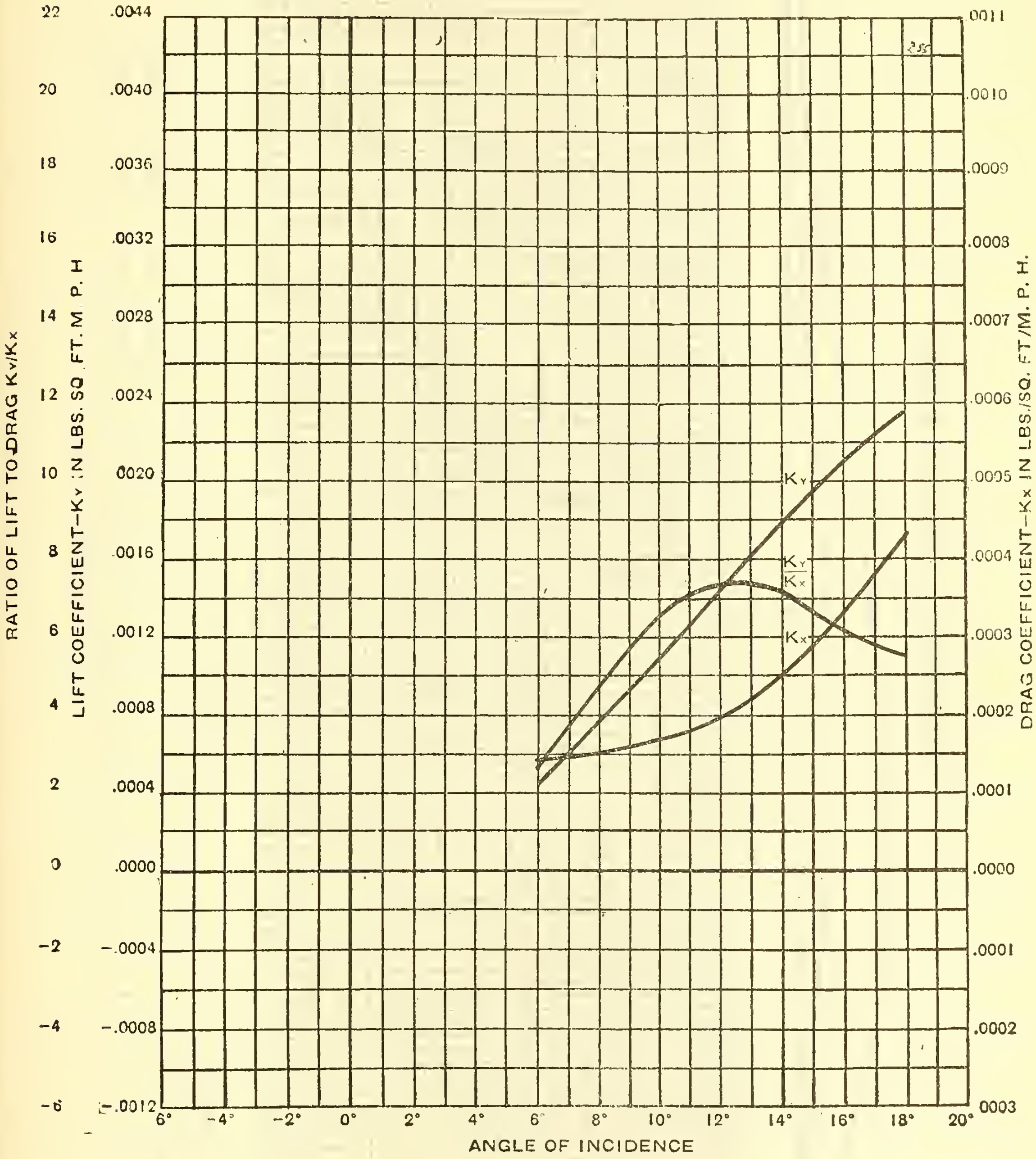


Distance from leading edge	0	.20	.40	.60	.80	.82	1.00
Upper camber	0	.0603	.06	.0386	.0133	....	.0148
Lower camber	0	.0146	.0266	.016	.00665	0	.0106

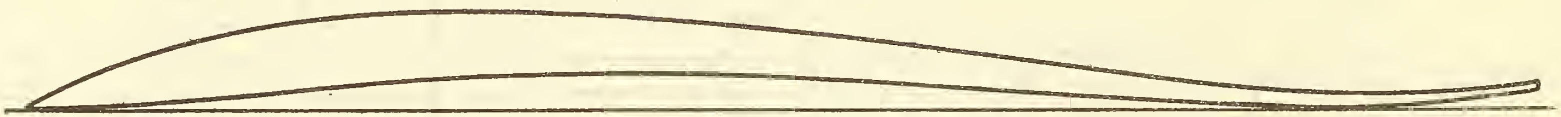
All dimensions given as decimal parts of chord.

AEROFOIL, MALLET-70°.

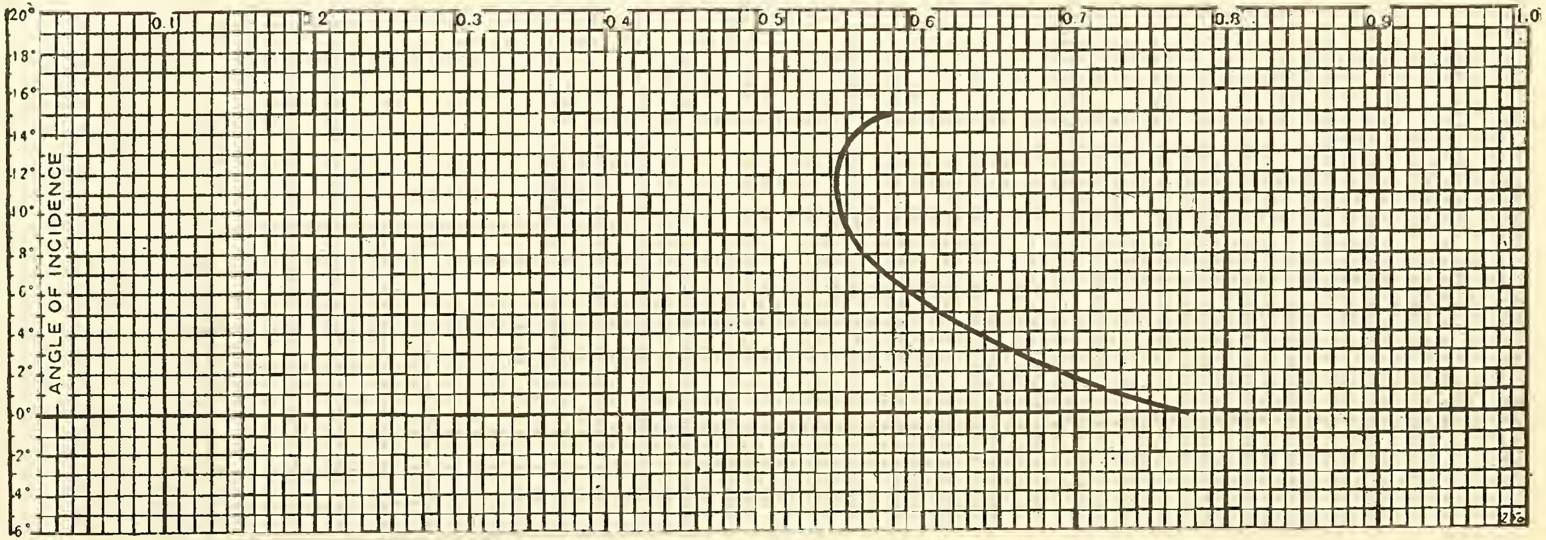
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, MALLET-90°.



CURVE OF CENTER OF PRESSURE TRAVEL

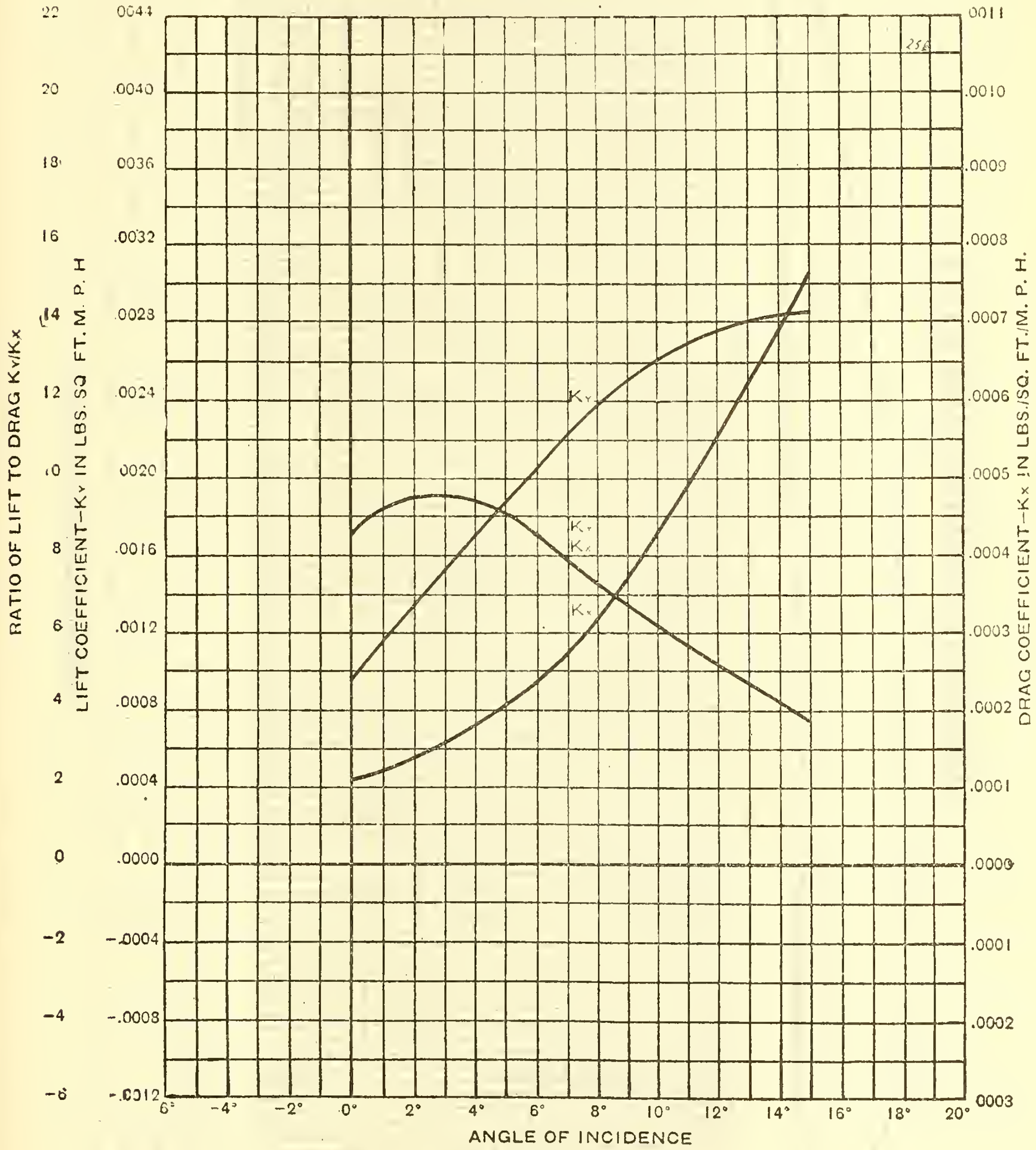


Distance from leading edge	0	.20	.40	.60	.80	.82	1.00
Upper camber	0	.0603	.06	.0386	.0133	....	.0148
Lower camber	0	.0146	.0266	.016	.00665	0	.0106

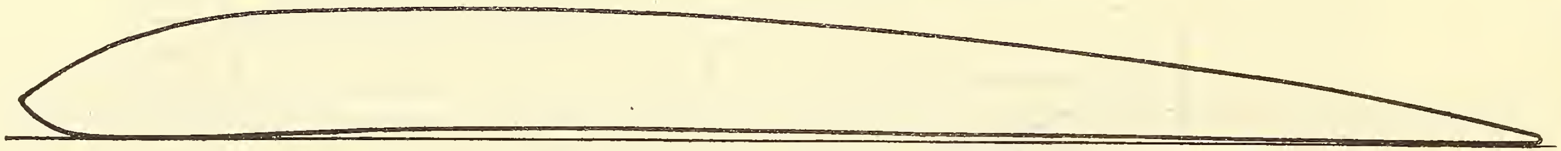
All dimensions given as decimal parts of chord.

AEROFOIL, MALLET-90°.

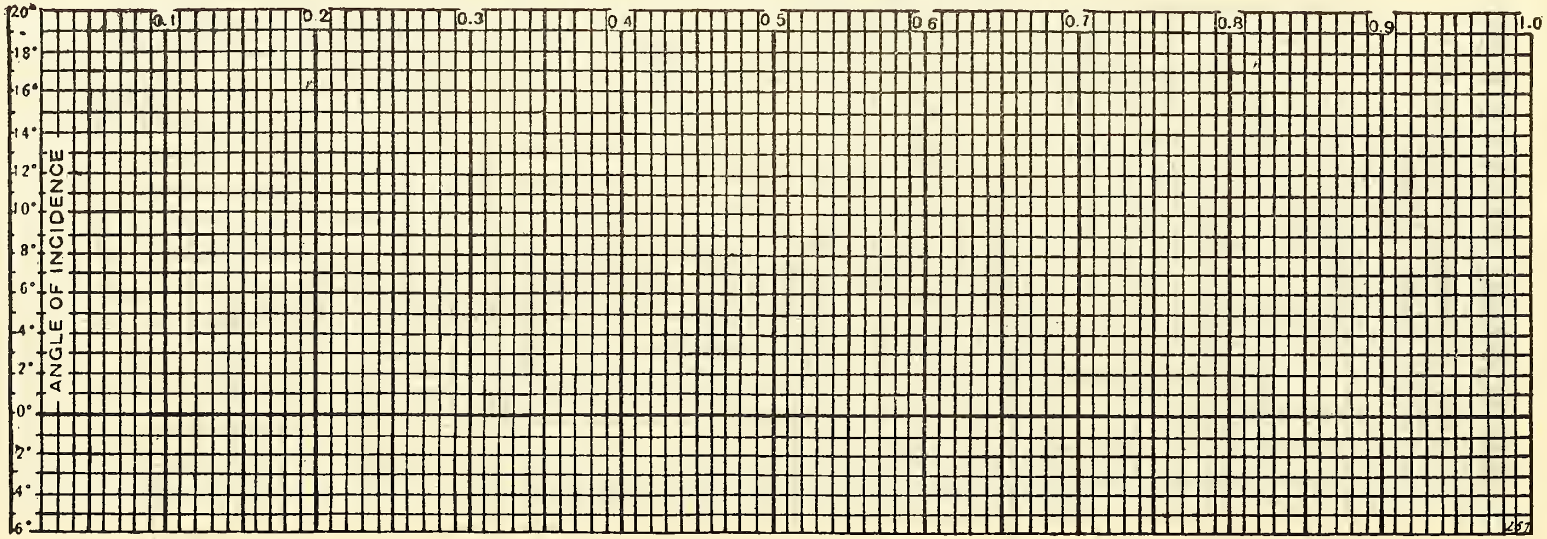
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



AEROFOIL, HALBRONN No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL

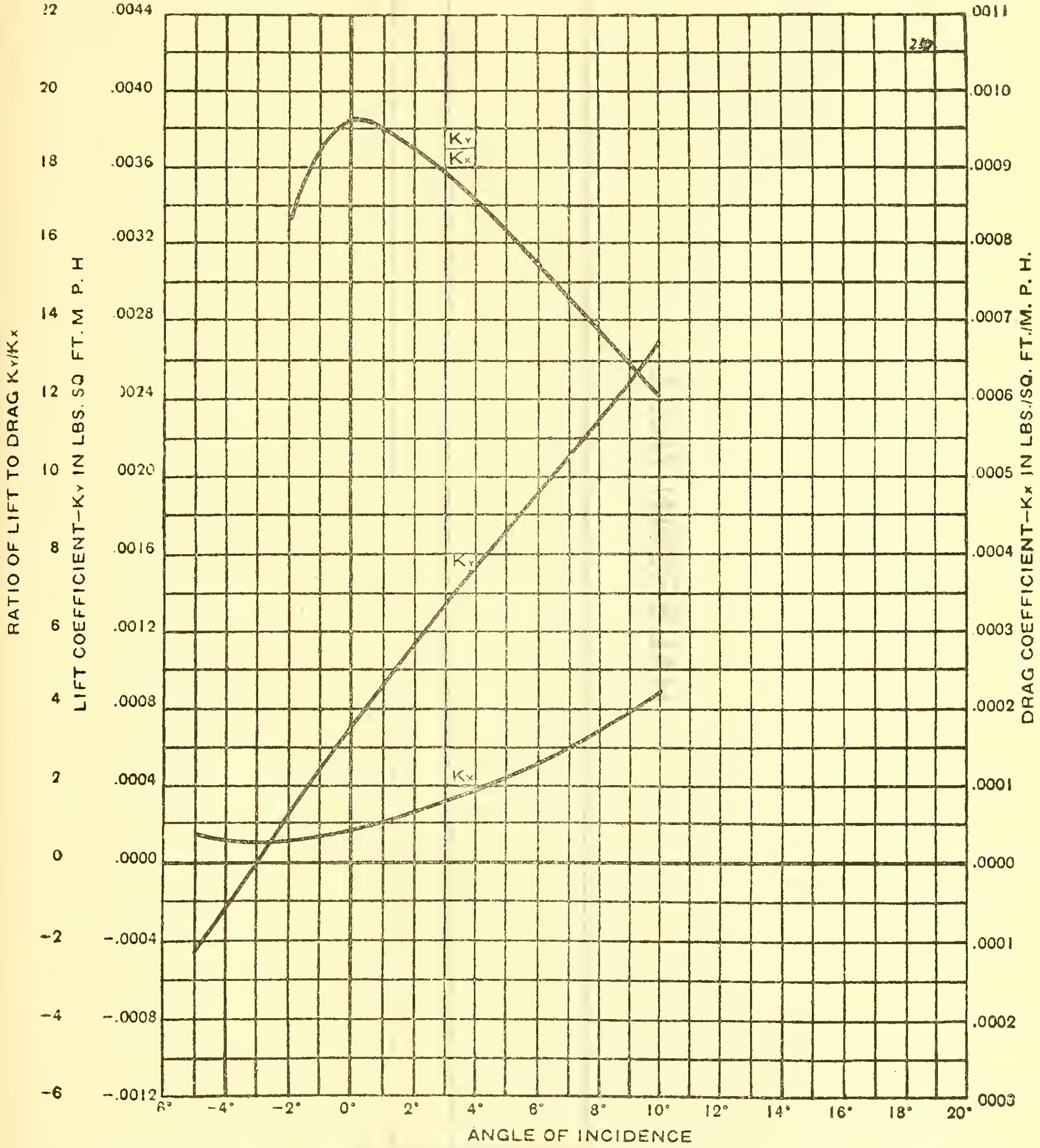


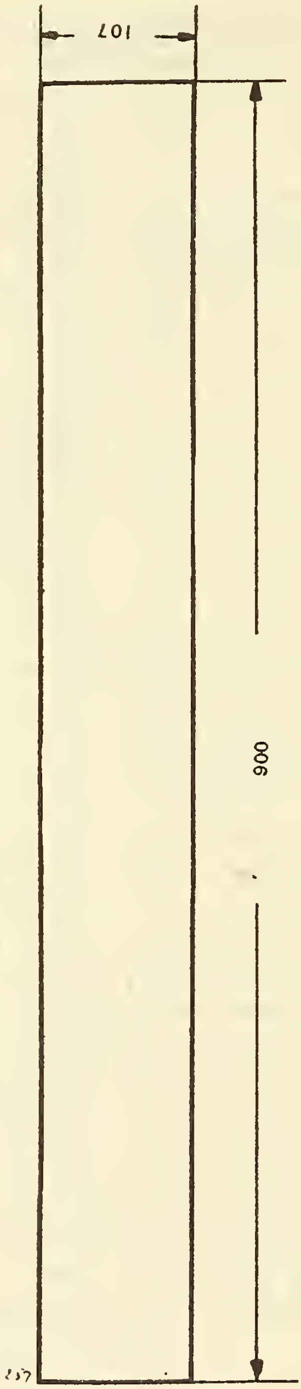
Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	80	.90	1.00
Upper camber	.0273	.0452	.0566	.0727	.083	.0848	.0812	.0736	.0642	.0528	.0425	.0264	.0047
Lower camber	.0273	.0066	0	....	.00377	.0066	.0075	.00661	....	....	....	0	.0047

All dimensions given as decimal parts of chord.

AEROFOIL, HALBRONN No. 2

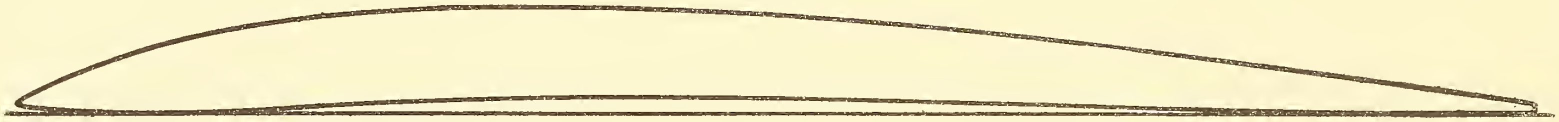
SIZE OF MODEL, 900 BY 107 MM.
VELOCITY OF WIND, 45 M. P. H.
WIND TUNNEL, EIFFEL.



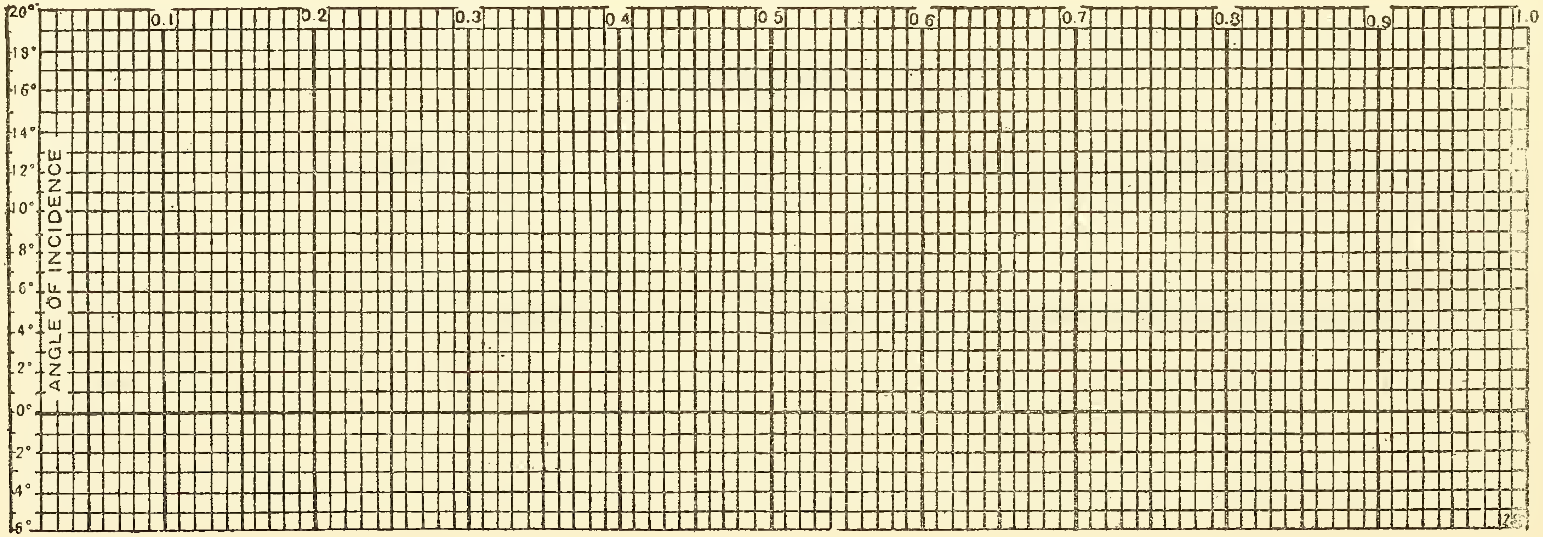


HALBRONN No. 2

AEROFOIL, HALBRONN No. 3



CURVE OF CENTER OF PRESSURE TRAVEL

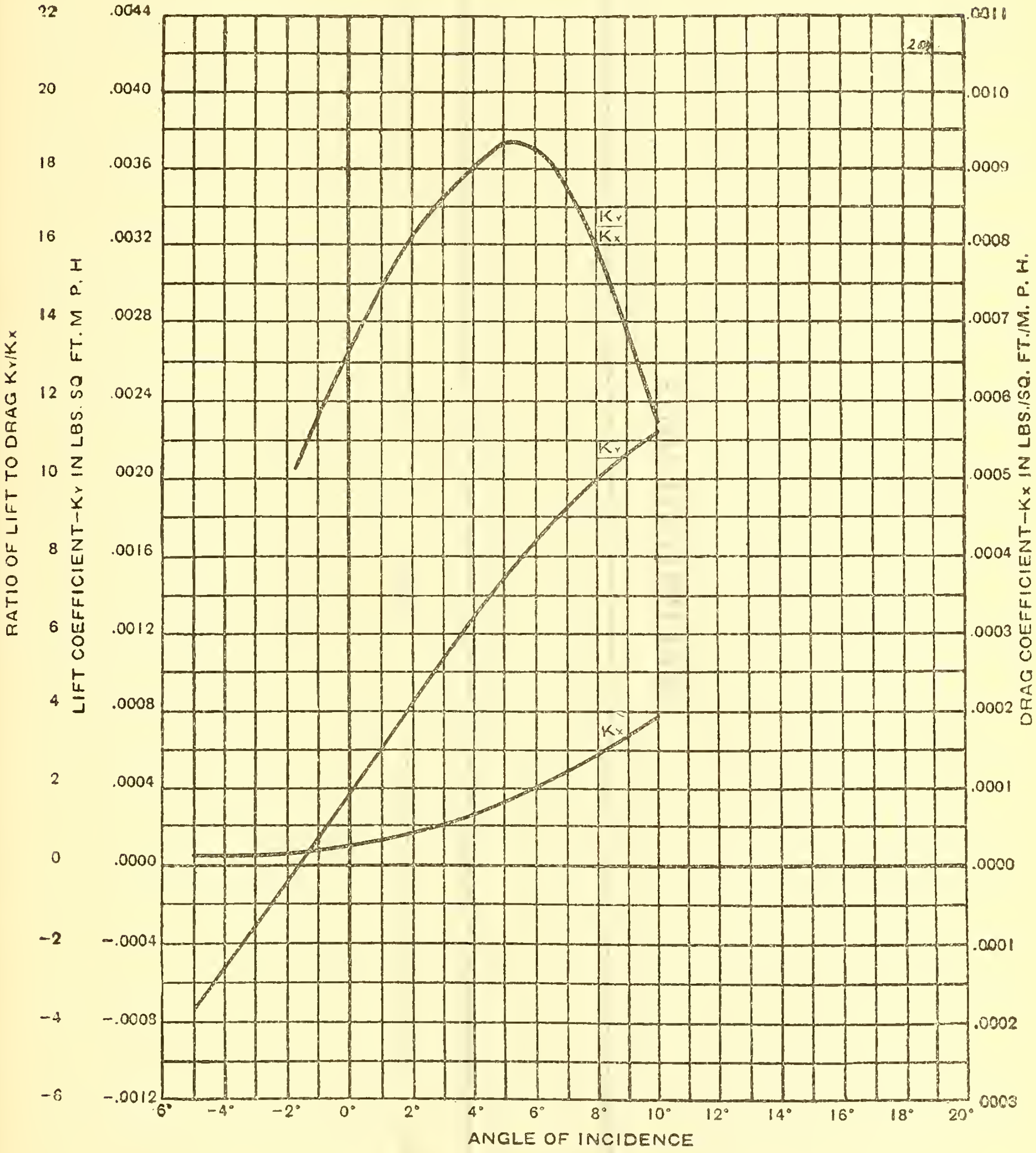


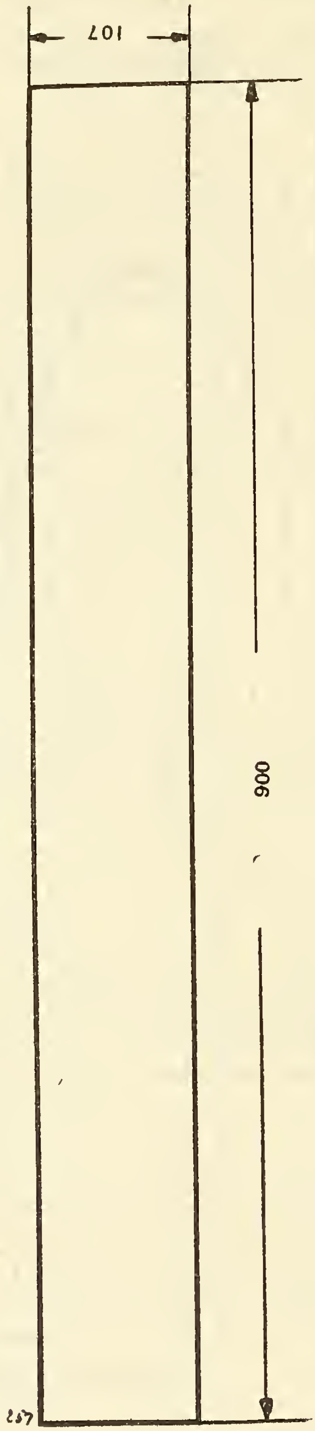
Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.00753	.0236	.0339	.0499	.0641	.0678	.066	.0602	.0518	.0415	.0321	.0179	.0047
Lower camber	.00753	0	....	.0018	.0056	.00942	.01225	.00942	.0066	.00377	.00189	0	.00189

All dimensions given as decimal parts of chord.

AEROFOIL, HALBRONN No. 3.

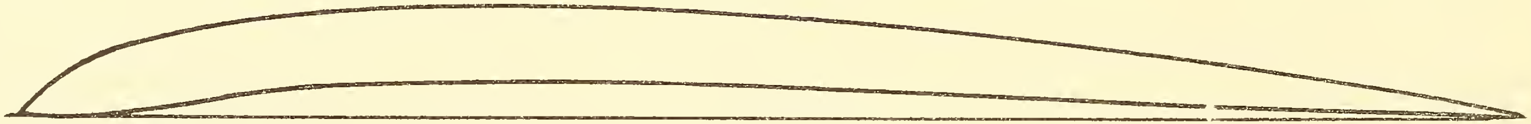
SIZE OF MODEL, 900 BY 107 MM.
VELOCITY OF WIND, 45 M. P. H.
WIND TUNNEL, EIFFEL.



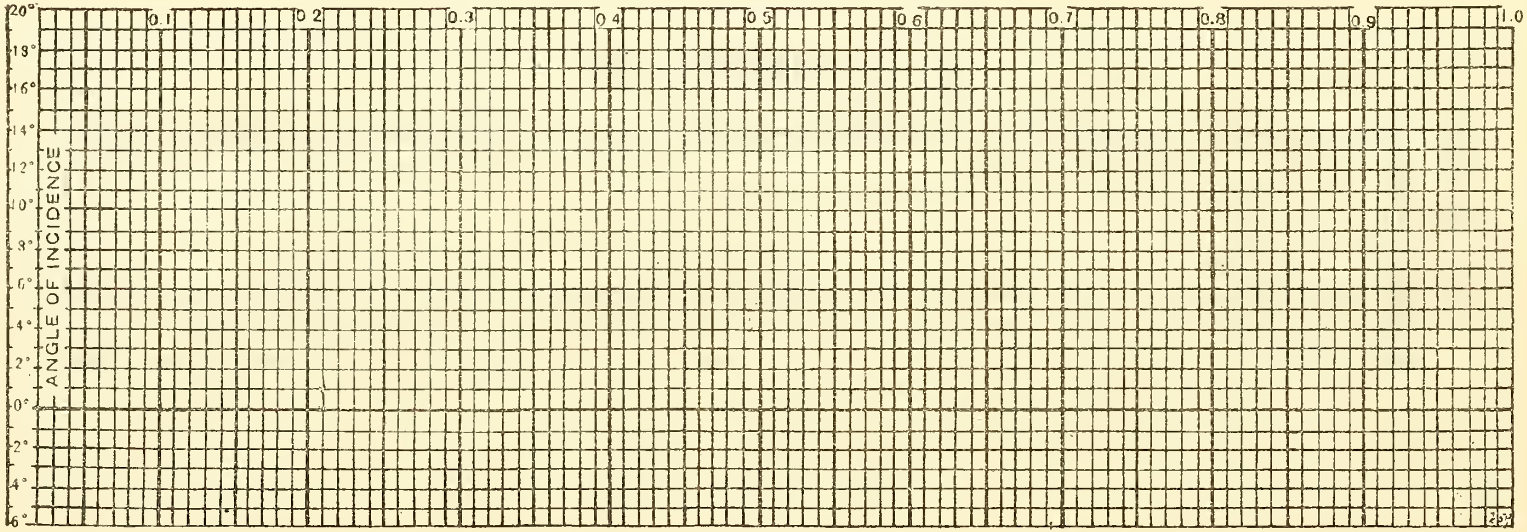


HALBRONN No. 3.

AEROFOIL, ITALIAN MODEL 307.



CURVE OF CENTER OF PRESSURE TRAVEL

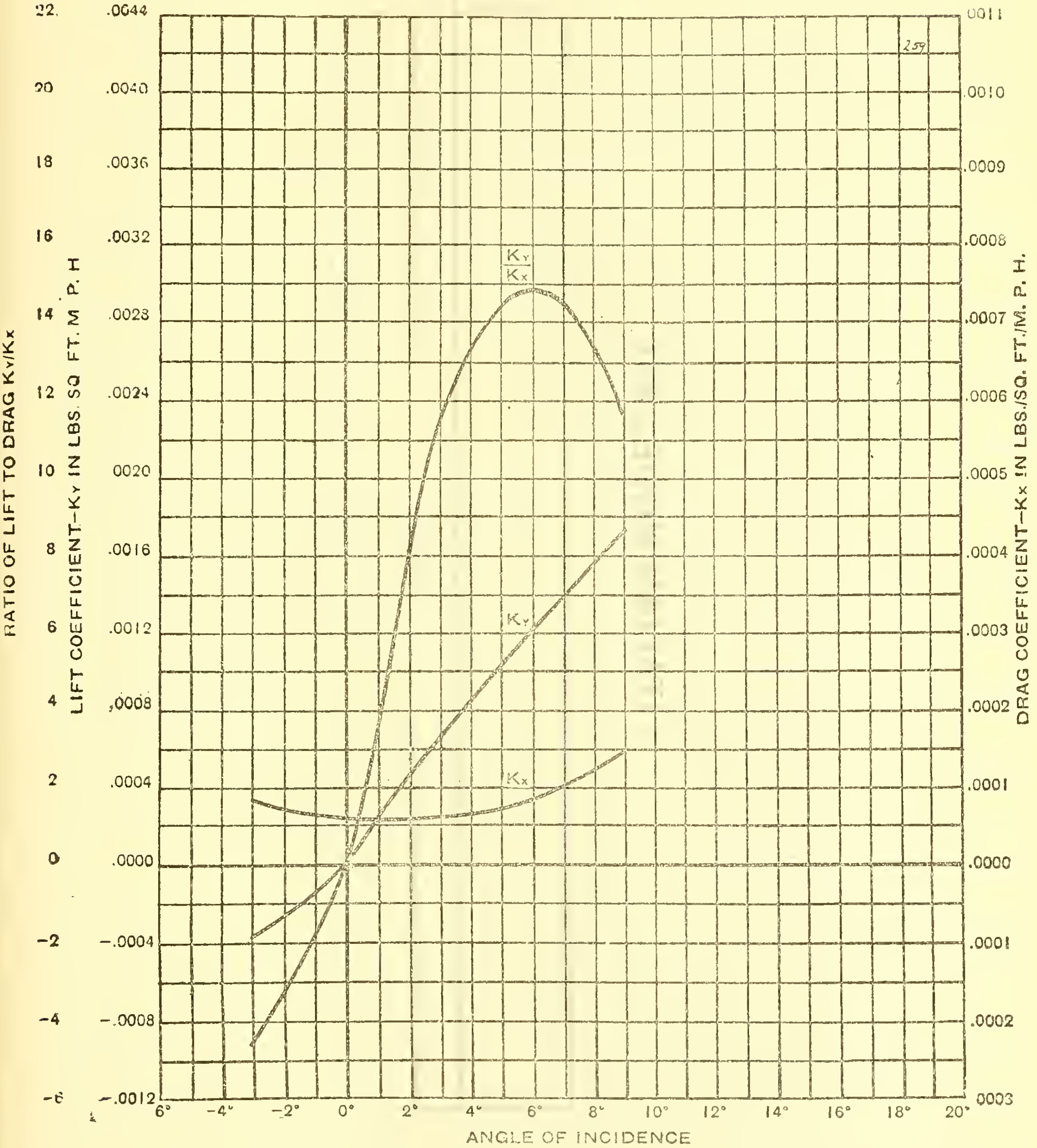


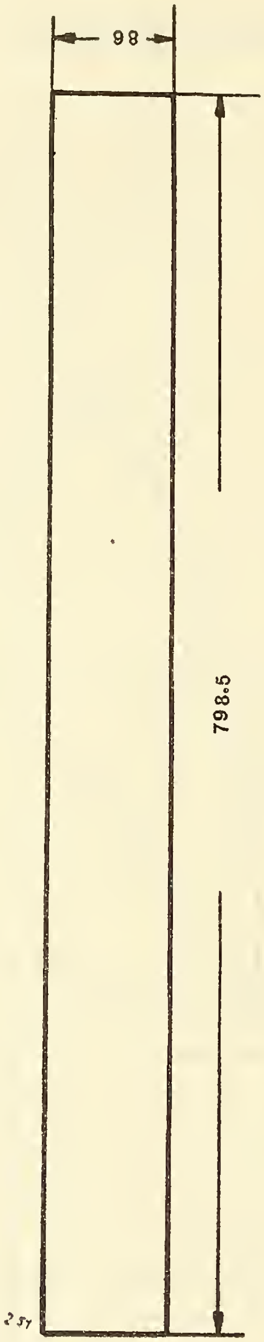
Distance from leading edge	0	.0465	.093	.14	.186	.301	.42	.535	.65	.77	.88	1.00
Upper camber	0	.041	.056	.0635	.0685	.0715	.0685	.061	.0518	.0405	.0242	0
Lower camber	0	....	.00105	.017	.022	.025	.023	.018	.0135	.0093	.00405	0

All dimensions given as decimal parts of chord.

AEROFOIL, ITALIAN MODEL 307.

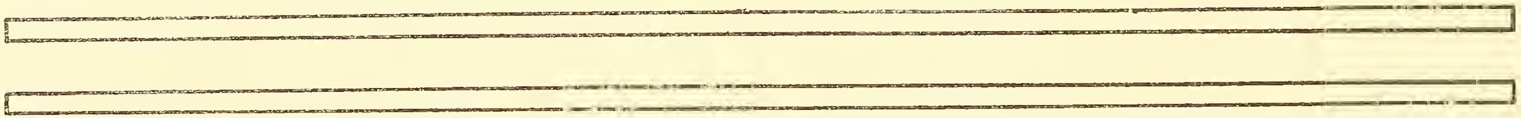
SIZE OF MODEL, 798.5 BY 86 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, CROCCO.



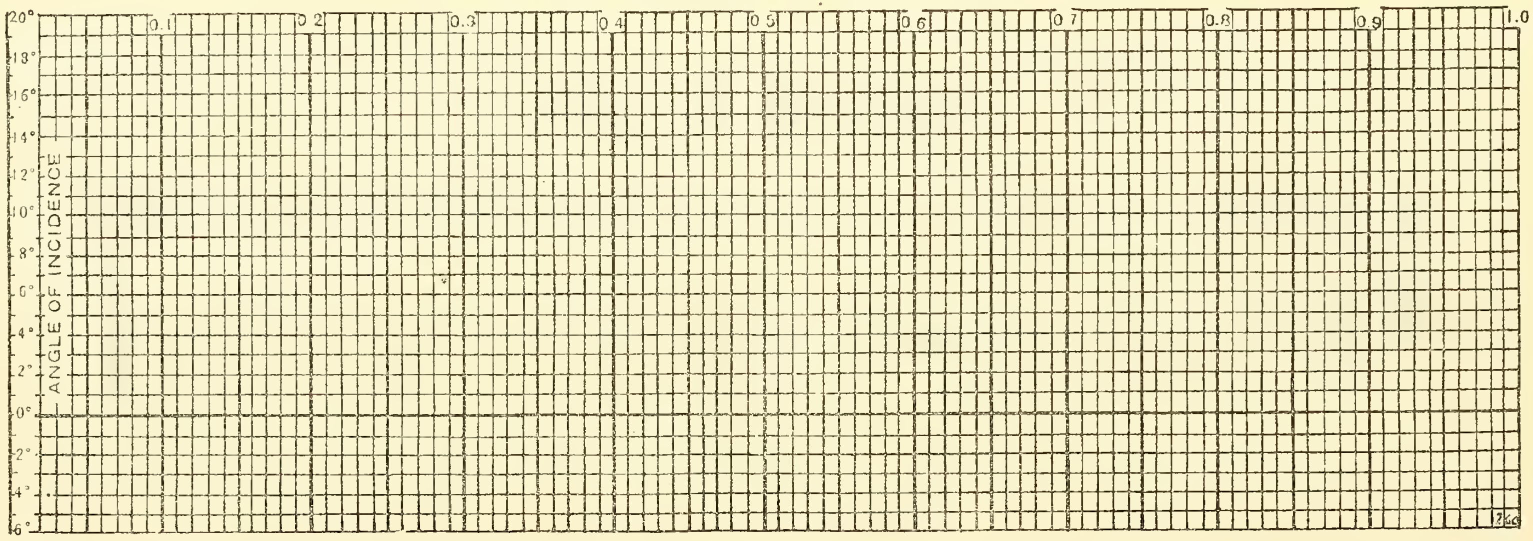


ITALIAN MODEL 307.

AEROFOIL, EIFFEL BIPLANE No. 1.



CURVE OF CENTER OF PRESSURE TRAVEL



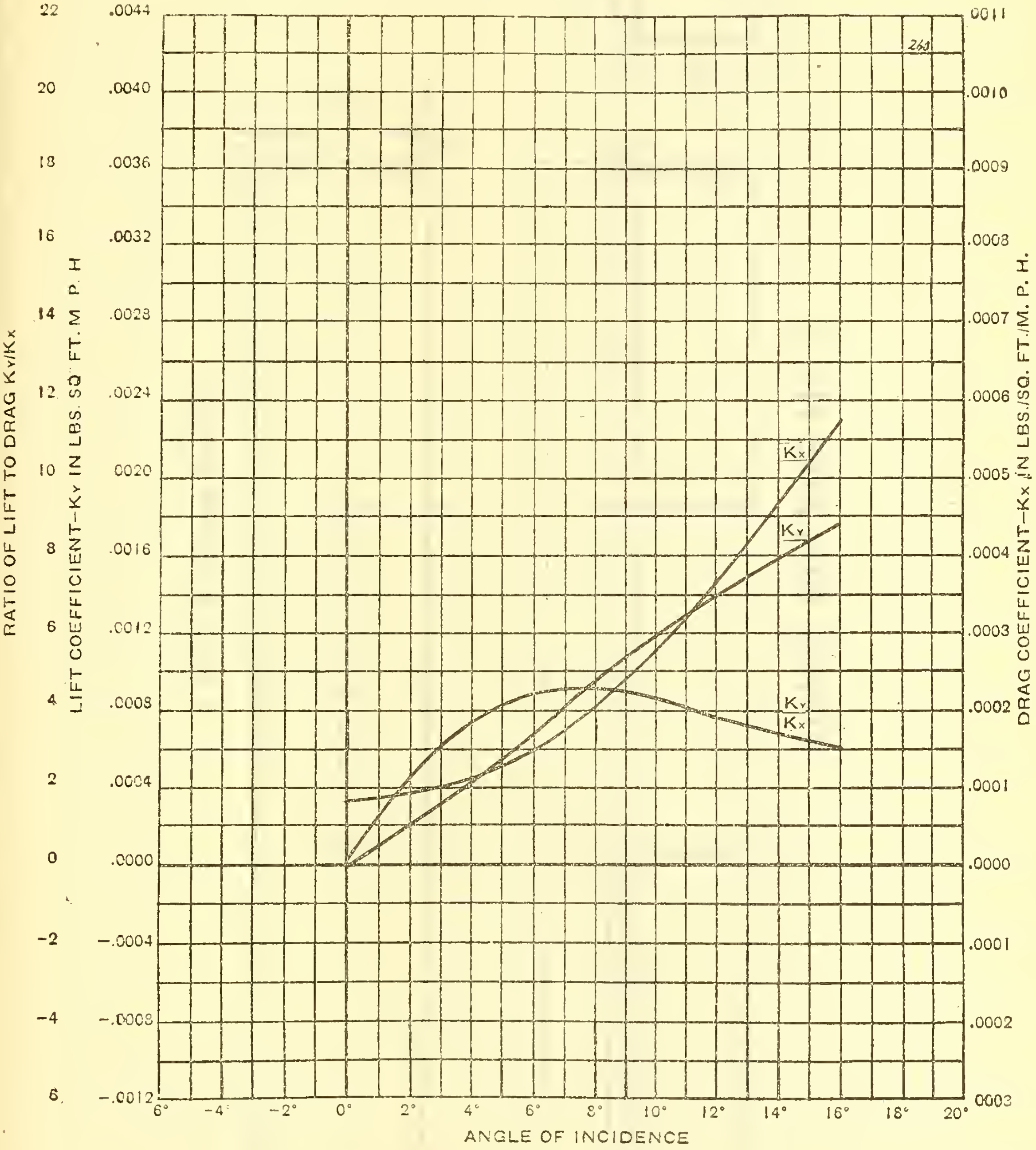
UPPER AND LOWER PLANE.

Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	.015	.015	.015	.015	.015	.015
Lower camber	0	0	0	0	0	0

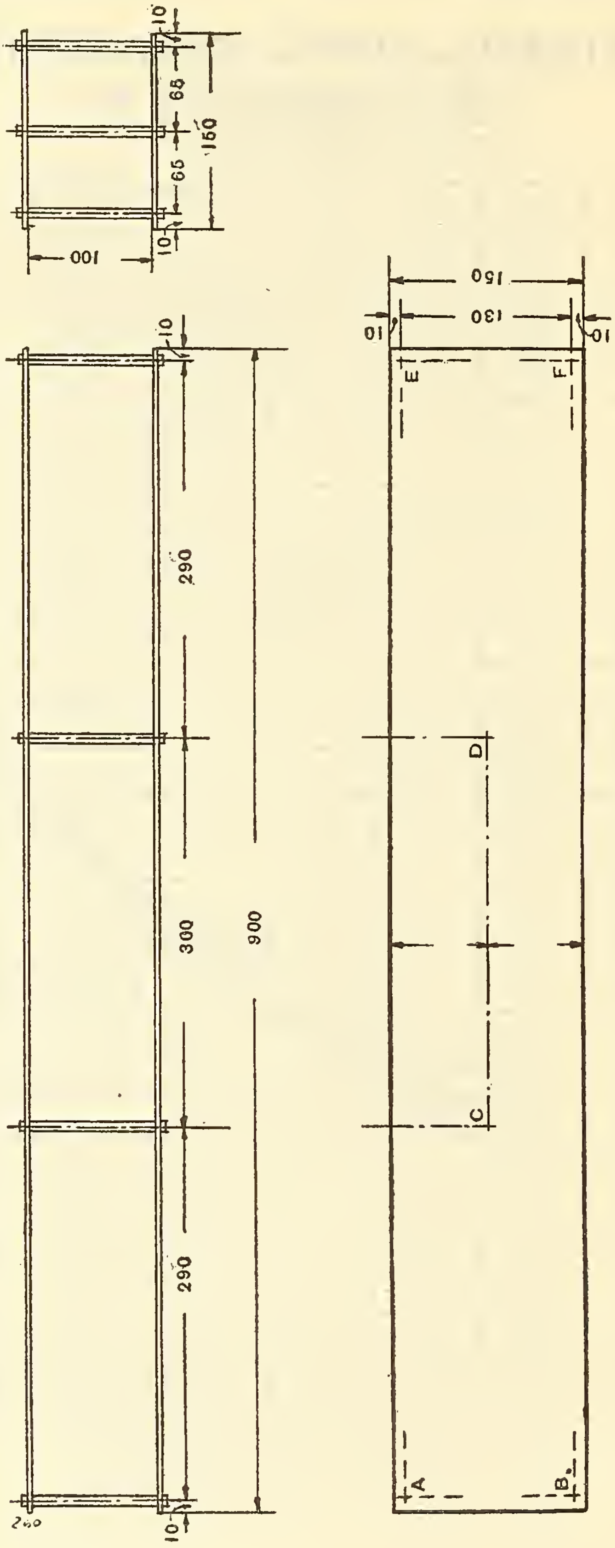
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE No. 1.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

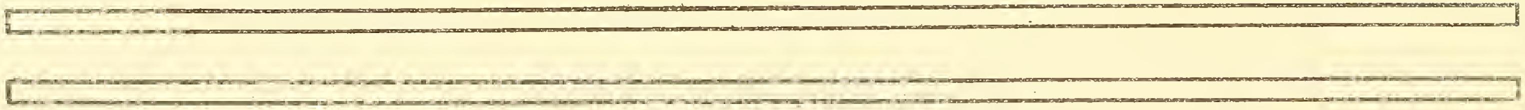


EIFFEL BIPLANE NO. 1.

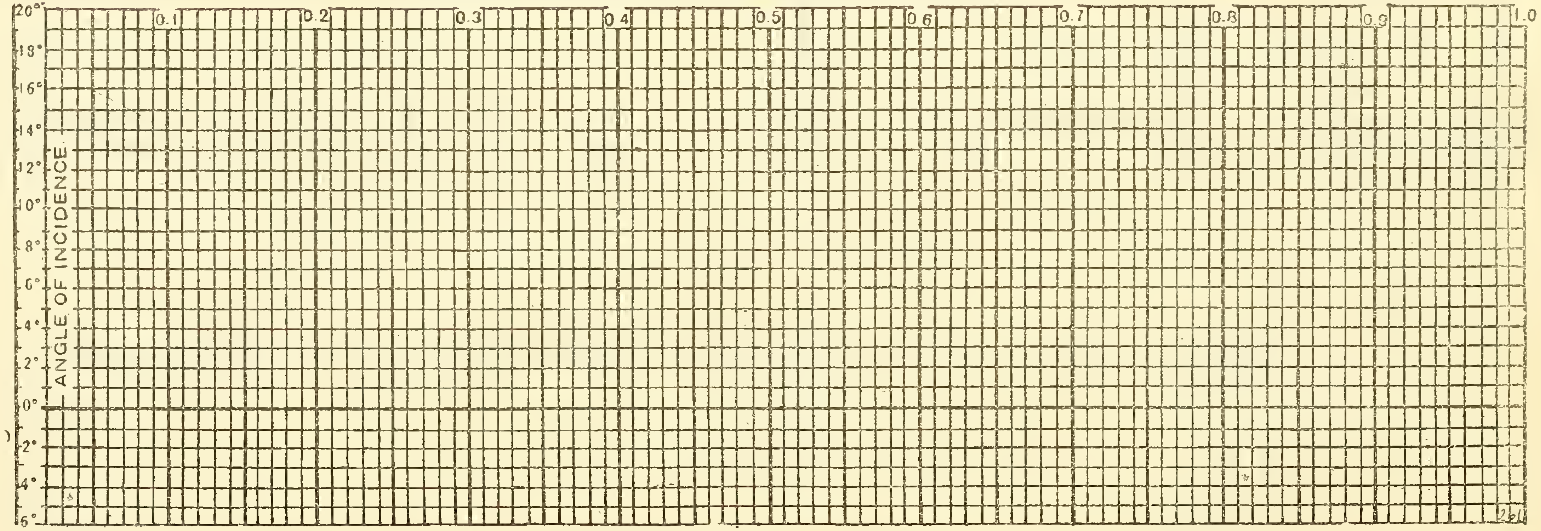


A, B, C, D, E, F=6 MM. STRUTS.

AEROFOIL, EIFFEL BIPLANE No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL



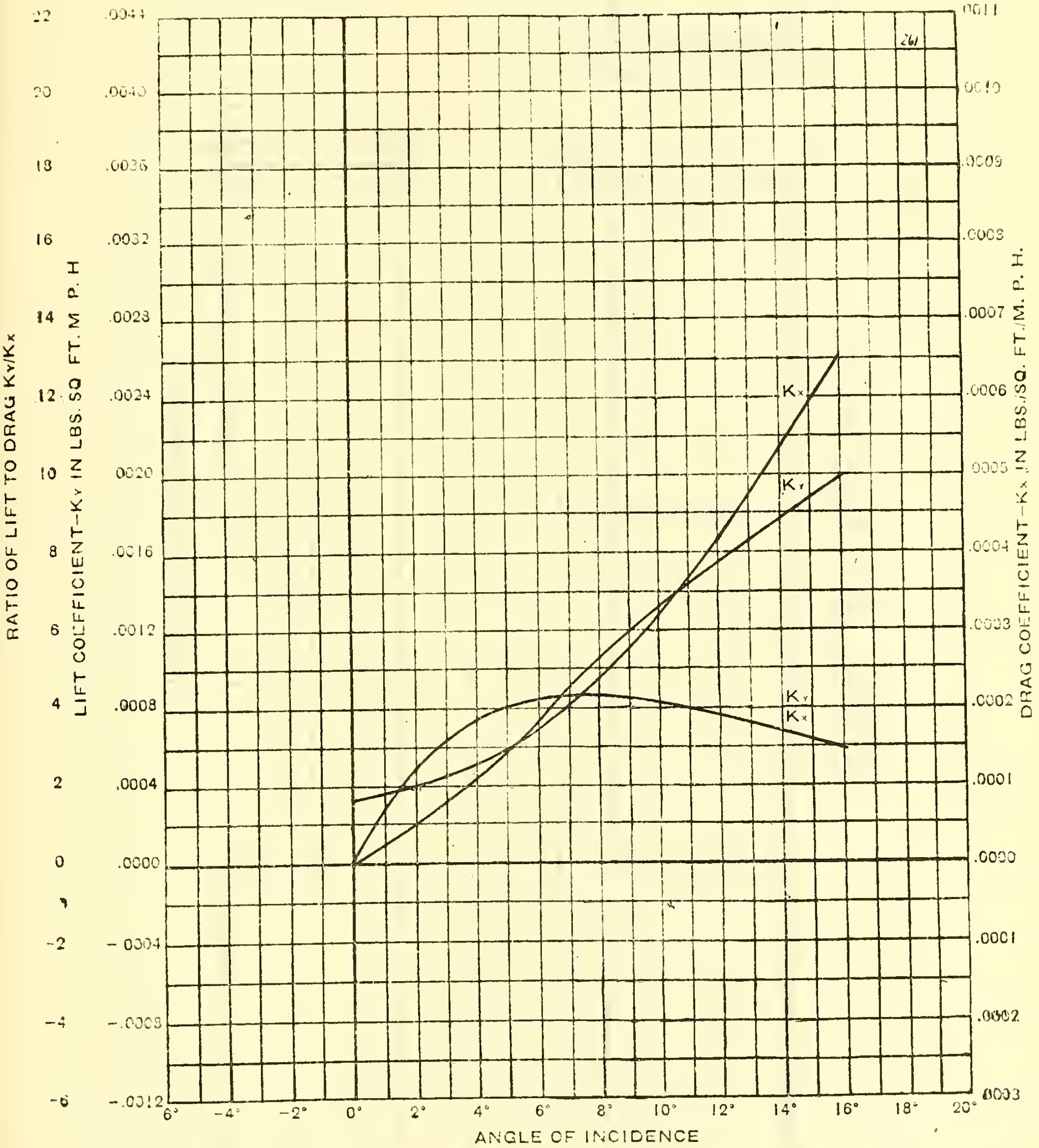
UPPER AND LOWER PLANE.

Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	.015	.015	.015	.015	.015	.015
Lower camber	0	0	0	0	0	0

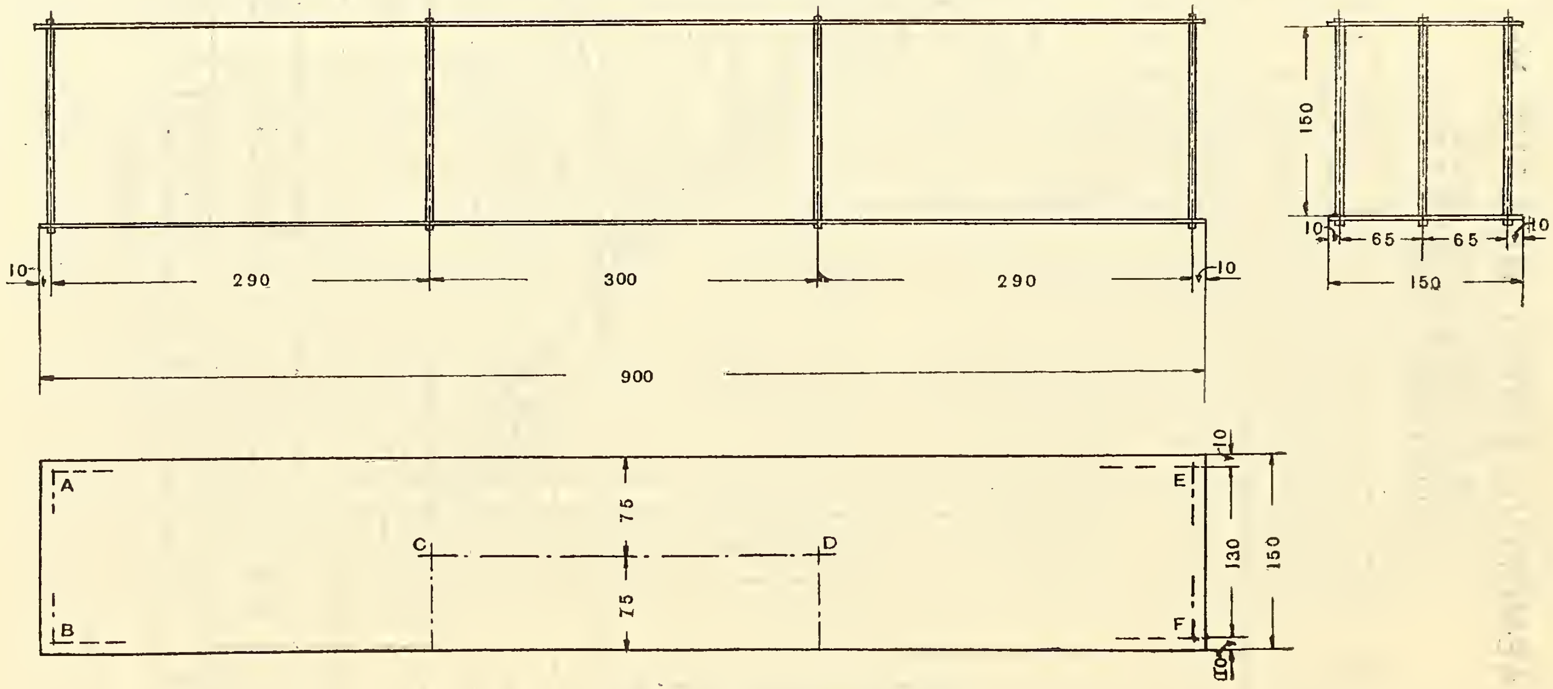
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE No. 2.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

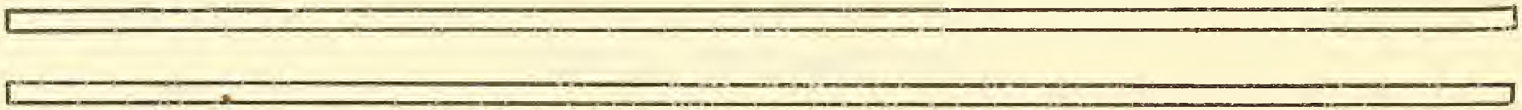


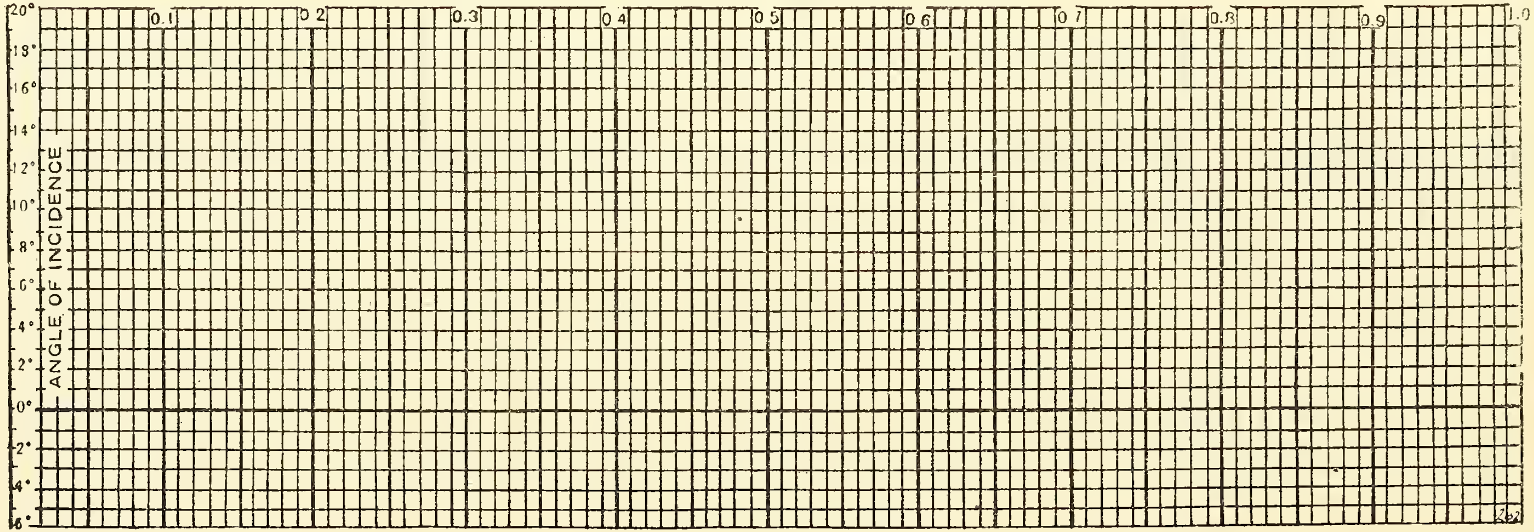
EIFFEL BIPLANE No. 2.



A, B, C, D, E, F=6-MM. STRUTS.

AEROF OIL, EIFFEL BIPLANE No. 3.





CURVE OF CENTER OF PRESSURE TRAVEL

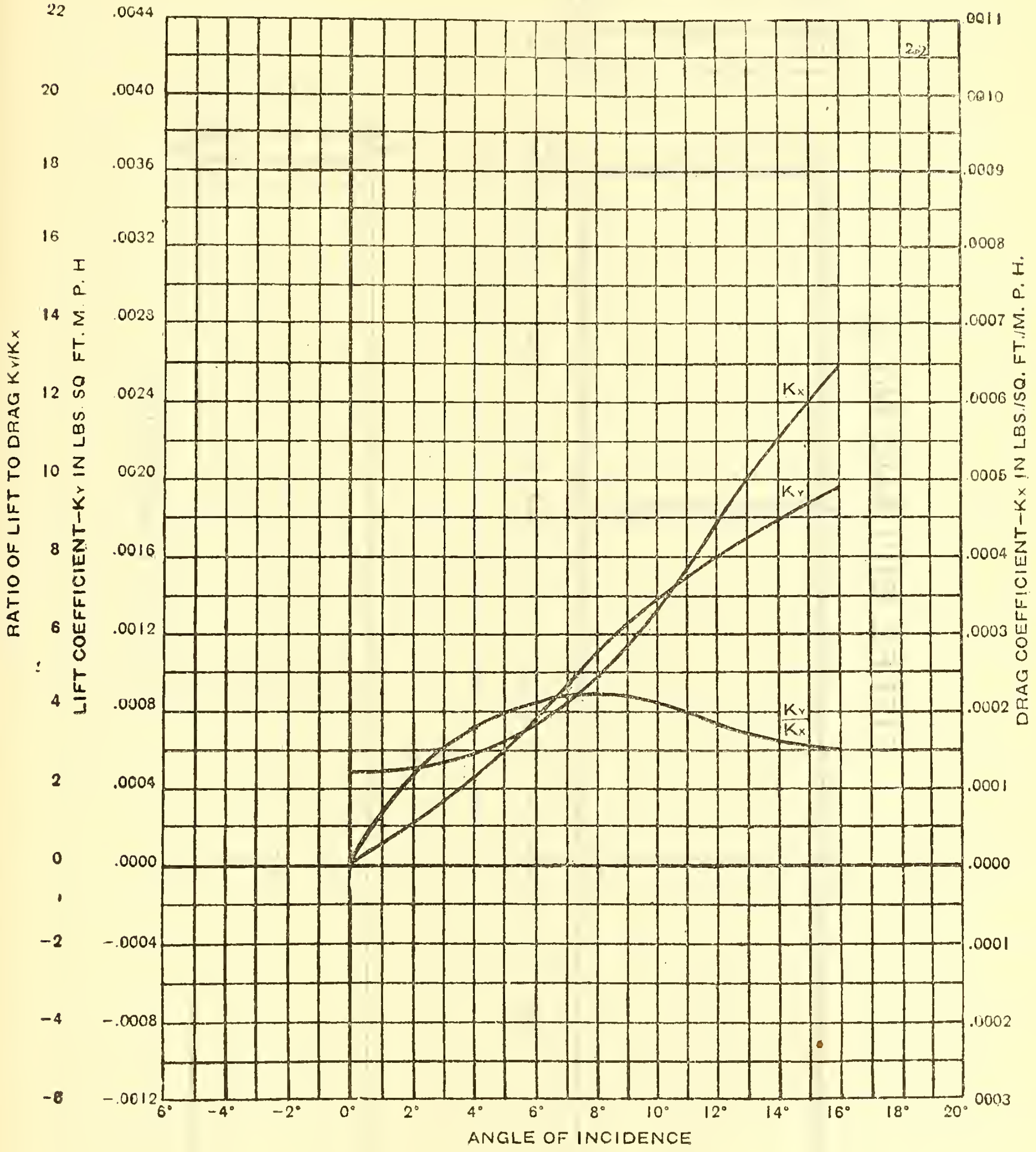
UPPER AND LOWER PLANE.

Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	.015	.015	.015	.015	.015	.015
Lower camber	0	0	0	0	0	0

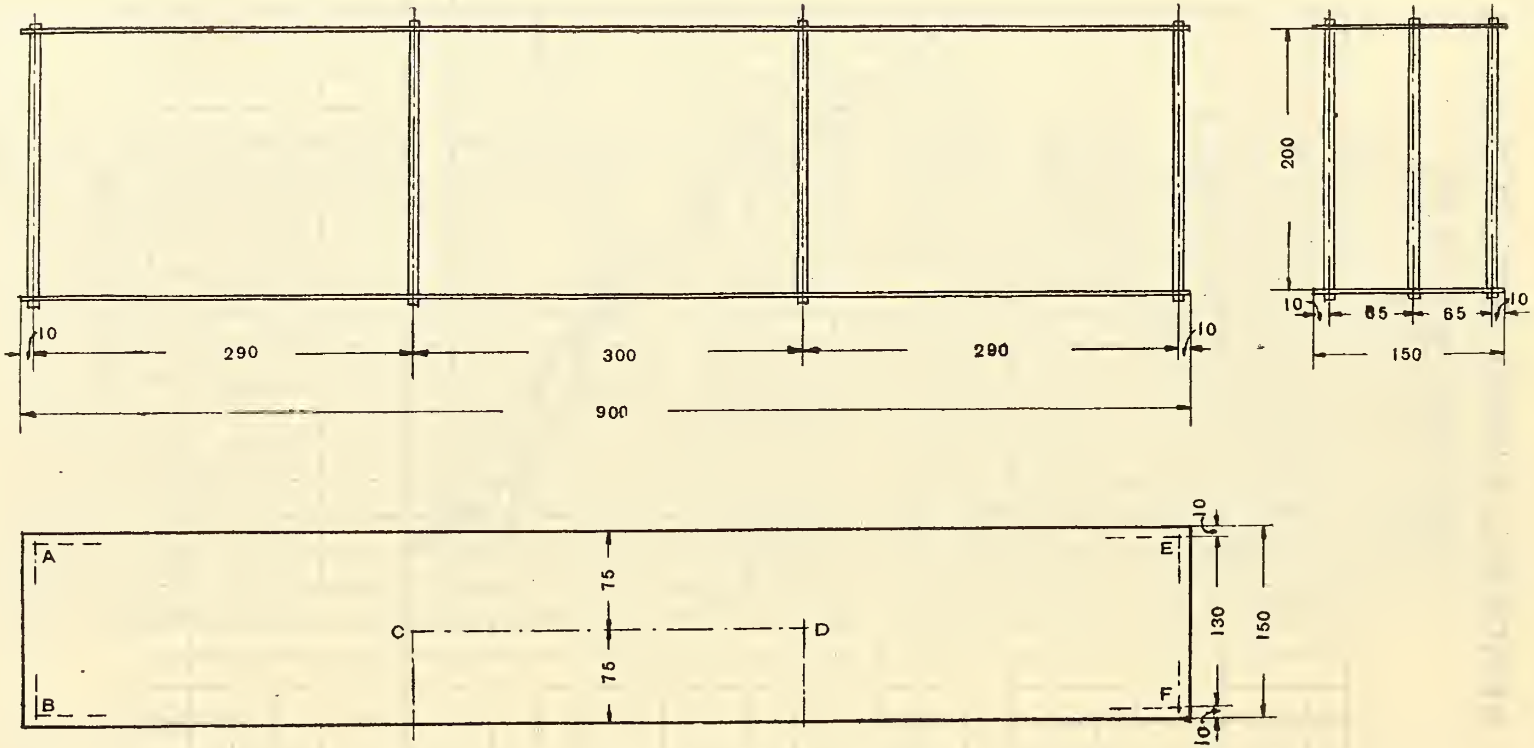
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE No. 3.

SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

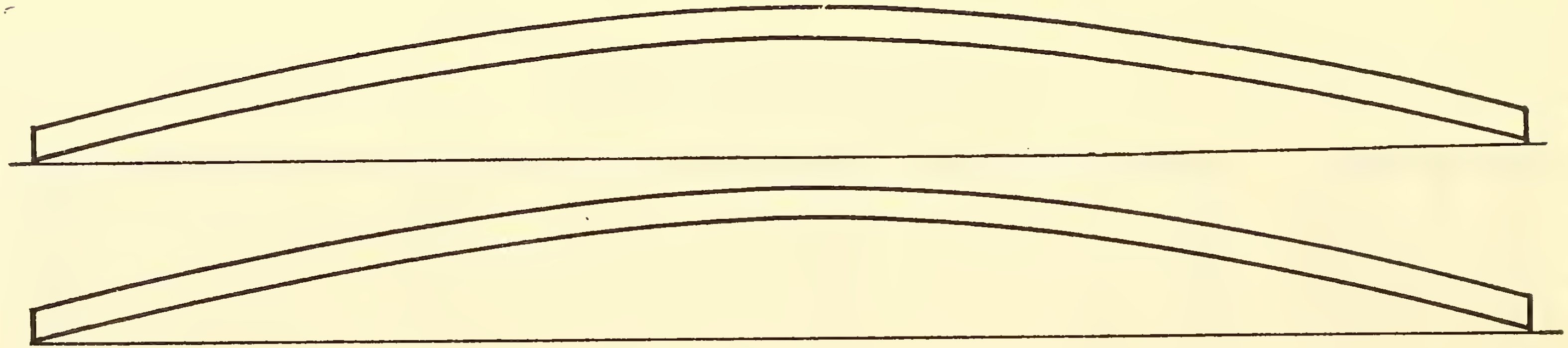


EIFFEL BIPLANE No. 3.

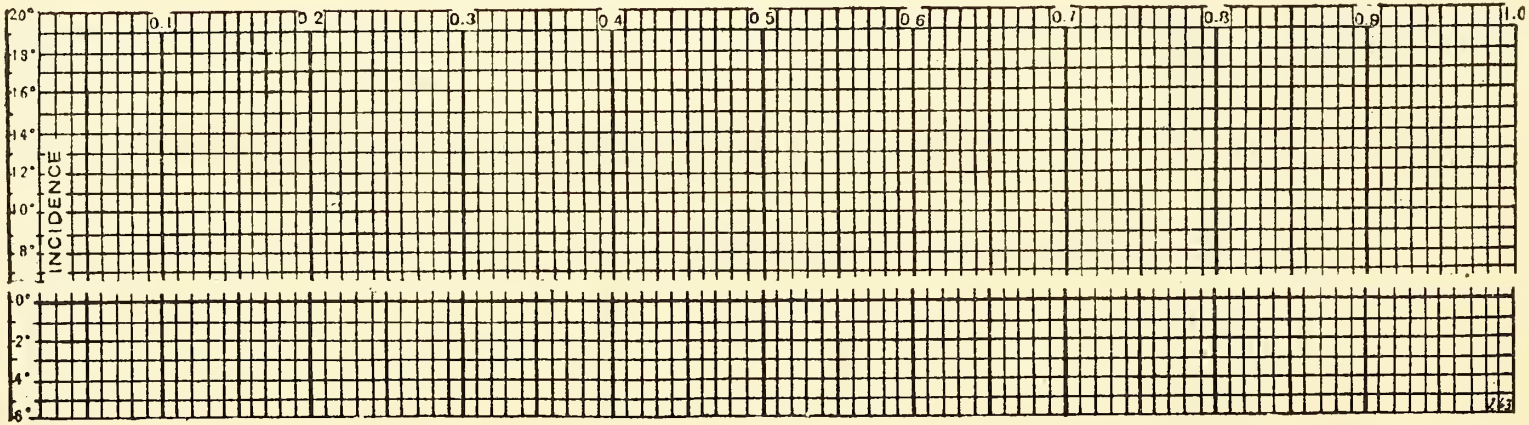


A, B, C, D, E, F=6-MM. STRUTS.

AEROFOIL, EIFFEL BIPLANE No. 4.



CURVE OF CENTER OF PRESSURE TRAVEL



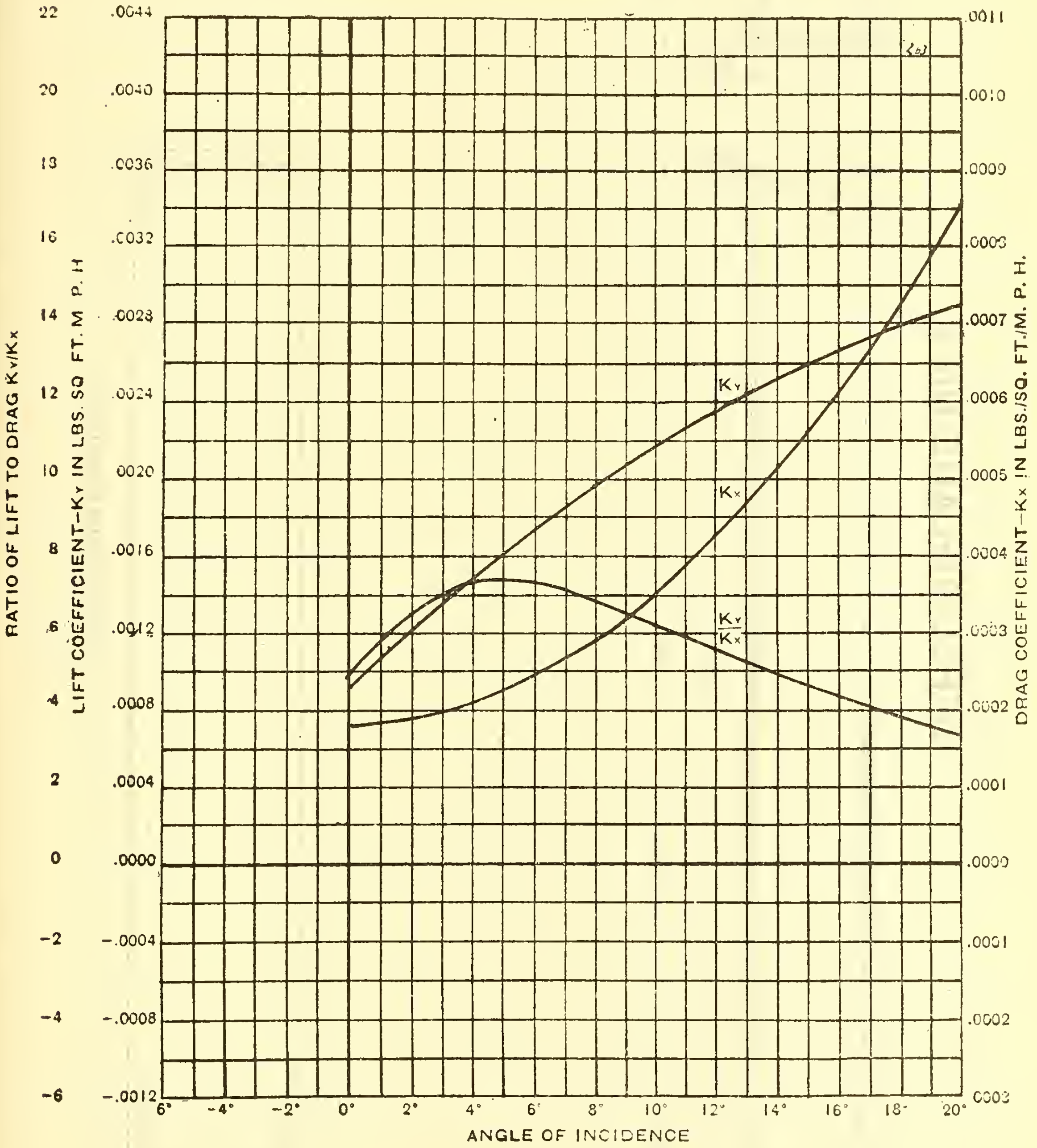
UPPER AND LOWER PLANE.

Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0217	.0488	.0685	.0834	.0918	.0953	.0918	.0834	.0685	.0488	.0217
Lower camber	0	.0270	.0470	.0620	.0705	.0740	.0705	.0620	.0470	.0270	0

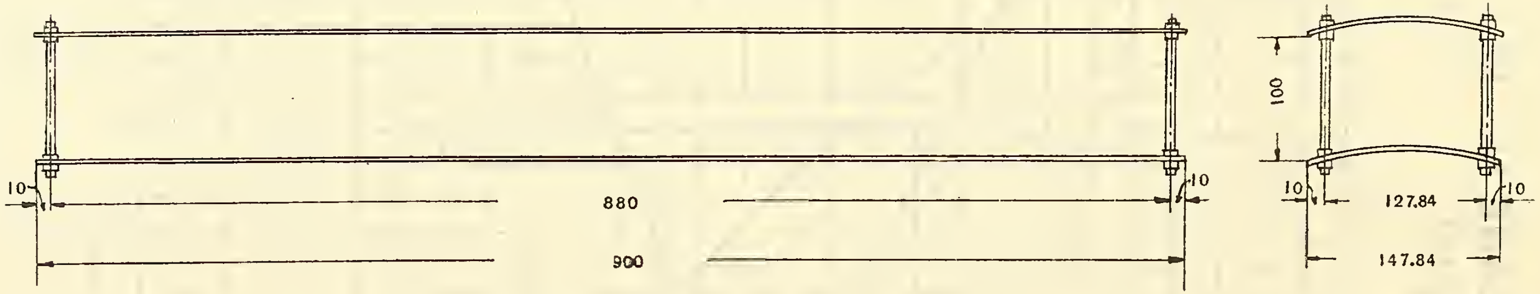
All dimensions given as decimal parts of chord.

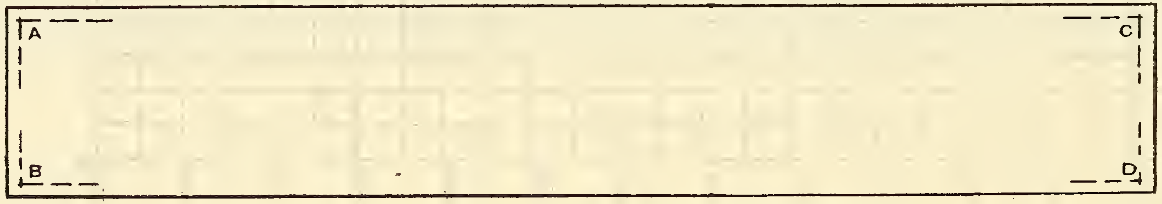
AEROFOIL, EIFFEL BIPLANE No 4.

SIZE OF MODEL, 900 BY 147.84 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



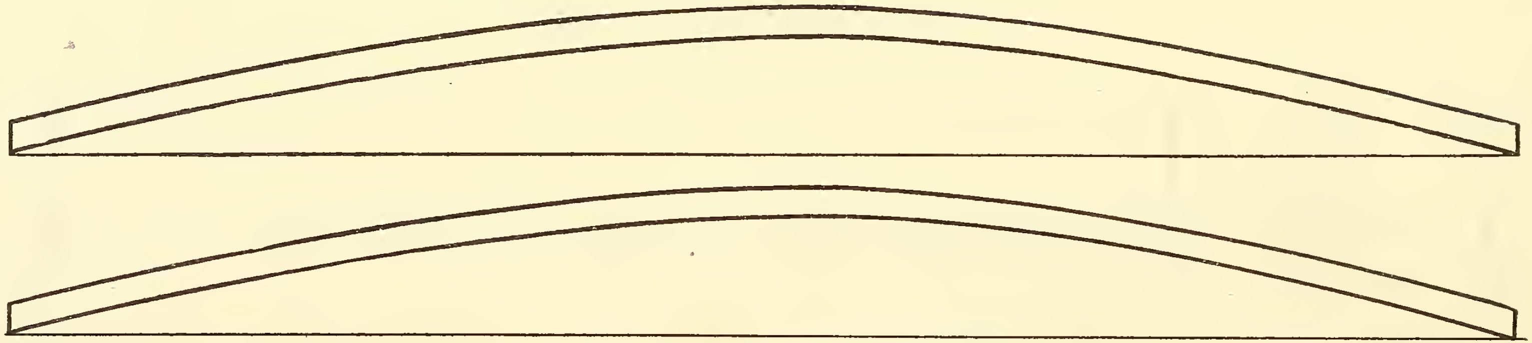
EIFFEL BIPLANE No. 4.



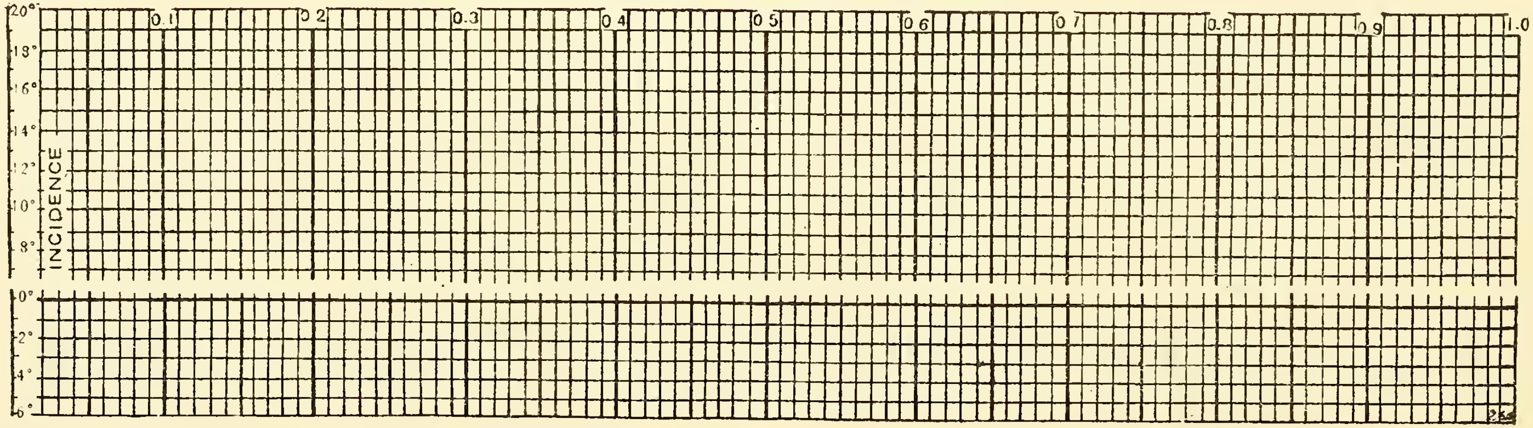


A, B, C, D=6-MM. STRUTS.

AEROFOIL, EIFFEL BIPLANE No. 5.



CURVE OF CENTER OF PRESSURE TRAVEL



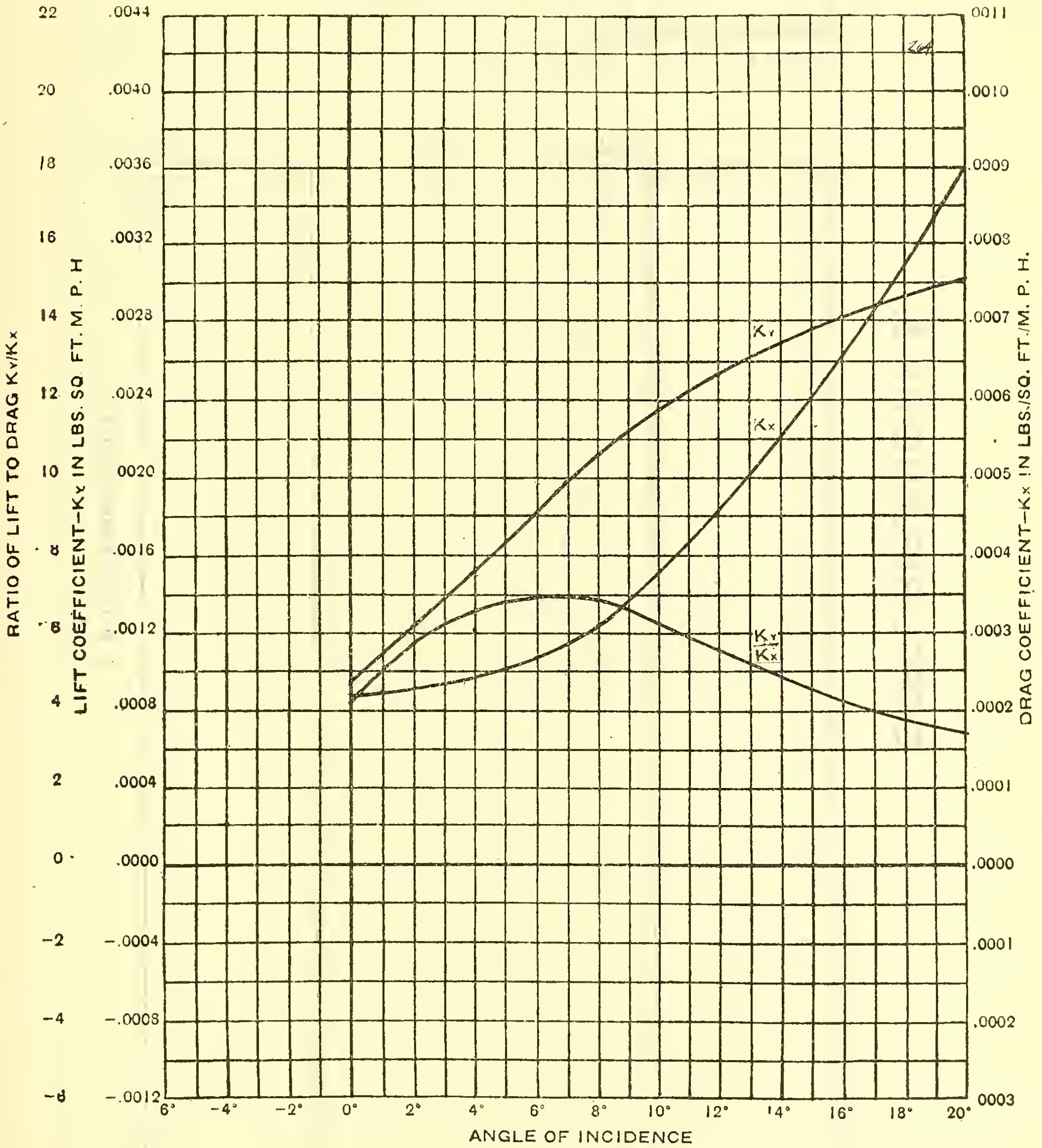
UPPER AND LOWER PLANE.

Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0217	.0488	.0685	.0834	.0918	.0953	.0918	.0834	.0685	.0488	.0217
Lower camber	0	.0270	.0470	.0620	.0705	.0740	.0705	.0620	.0470	.0270	0

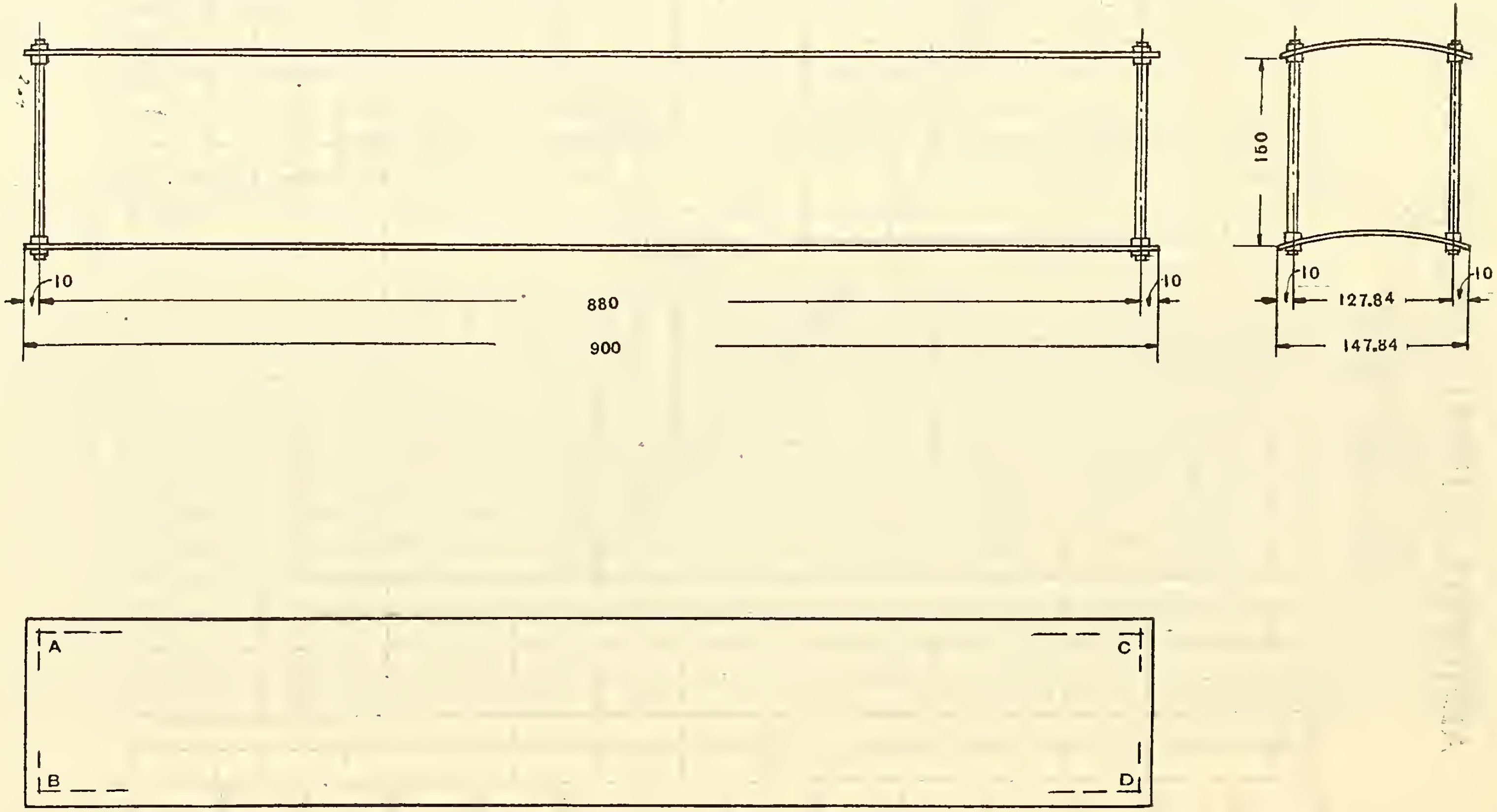
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE No. 5.

SIZE OF MODEL, 900 BY 147.84 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

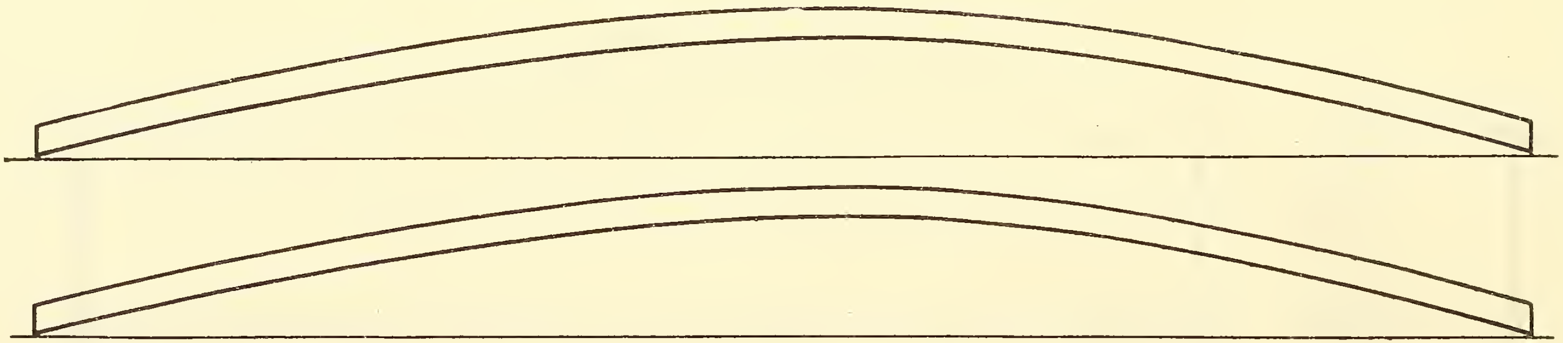


EIFFEL BIPLANE No. 5.

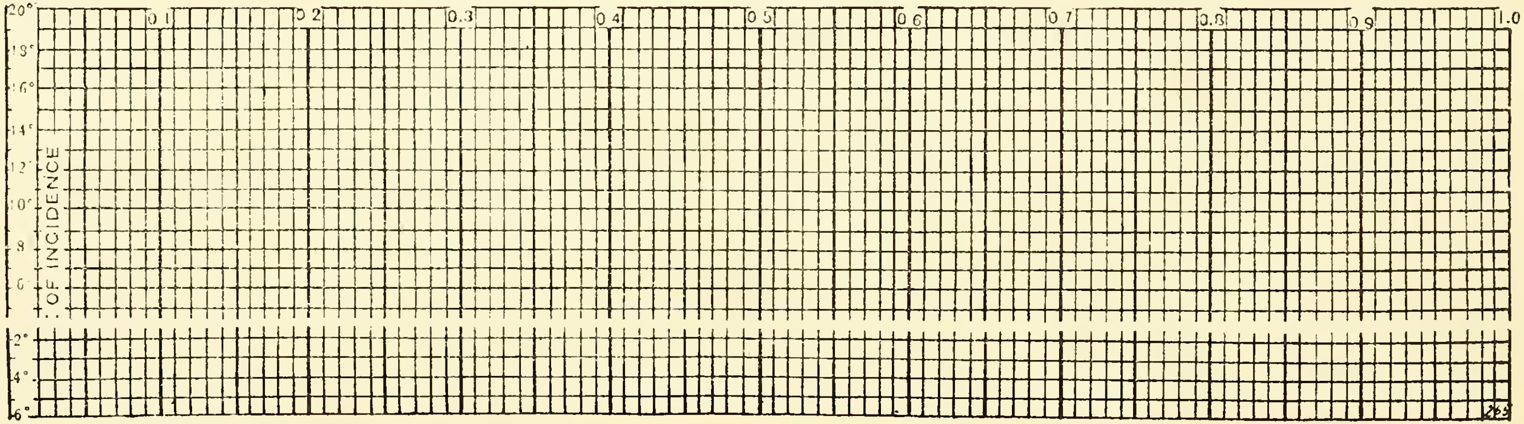


A, B, C, D=6-MM. STRUTS.

AEROFOIL, EIFFEL BIPLANE No. 6.



CURVE OF CENTER OF PRESSURE TRAVEL



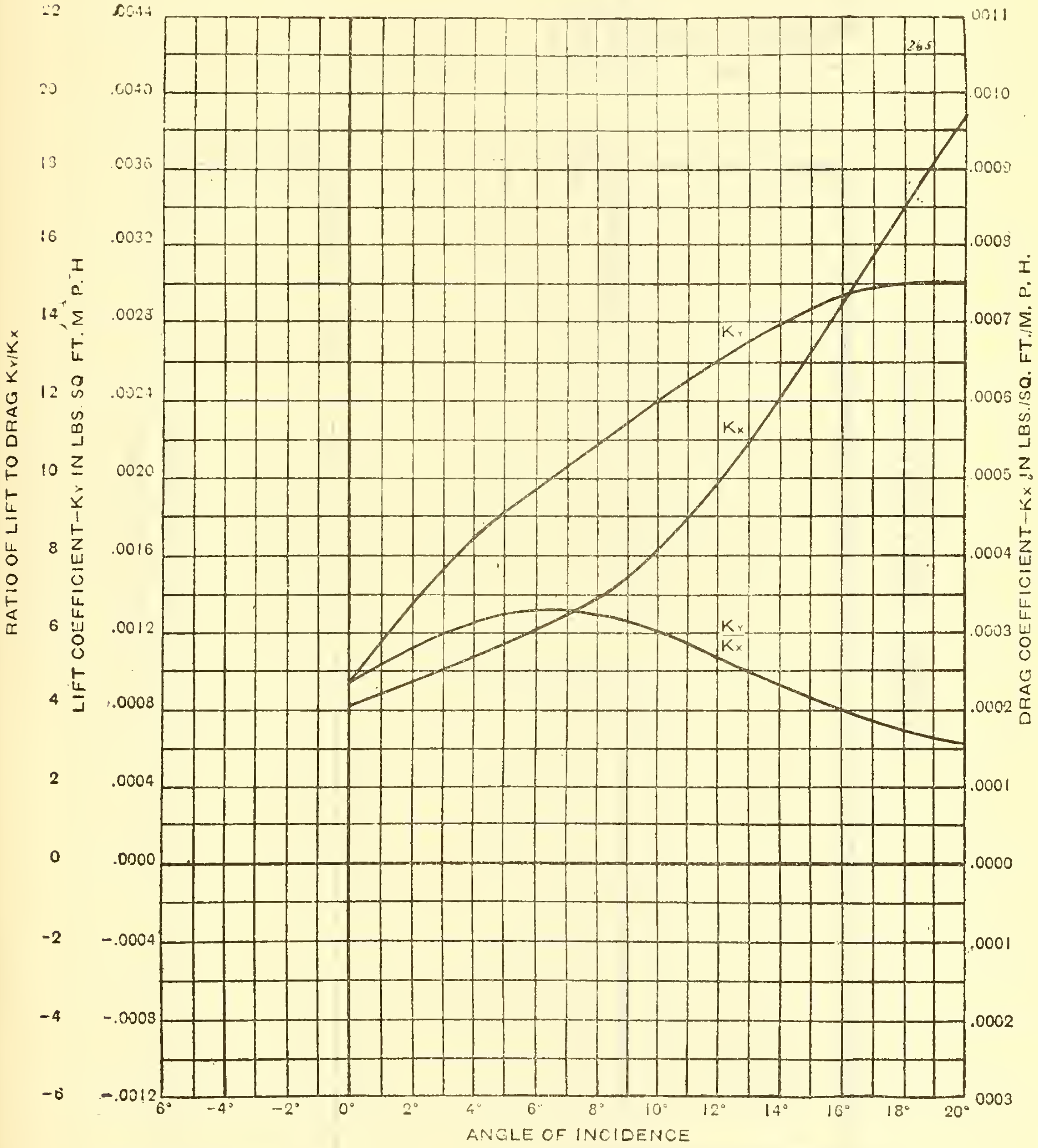
UPPER AND LOWER PLANE.

Distance from leading edge	0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.0217	.0488	.0685	.0834	.0918	.0953	.0918	.0834	.0685	.0488	.0217
Lower camber	0	.0270	.0470	.0620	.0705	.0740	.0705	.0620	.0470	.0270	0

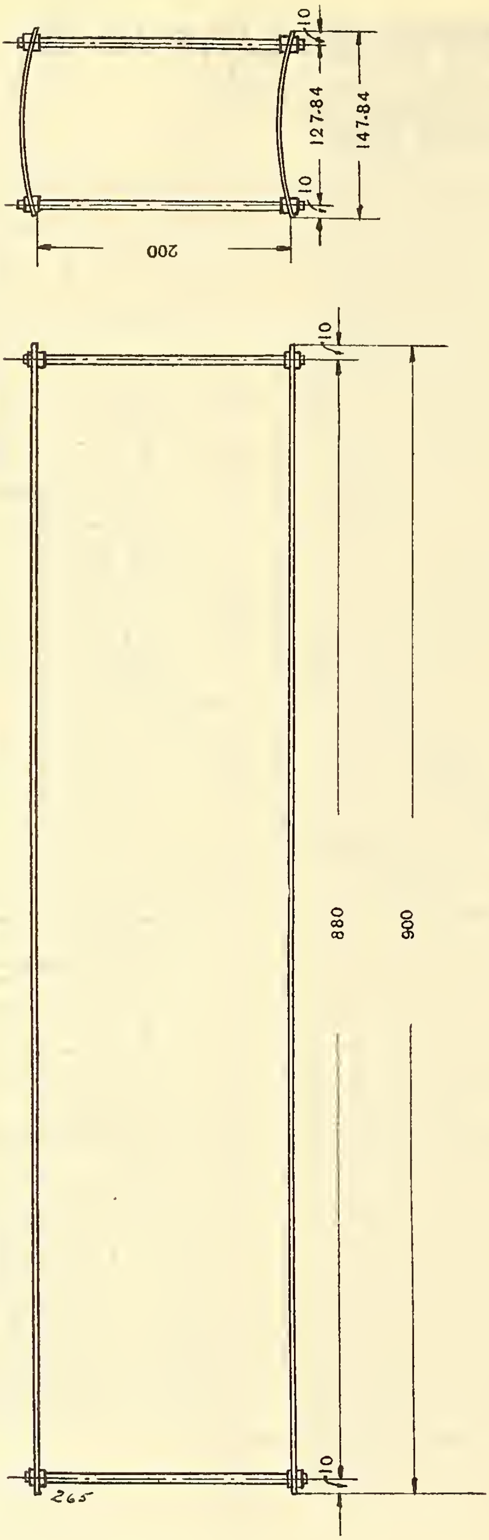
All dimensions given as decimal parts of chord.

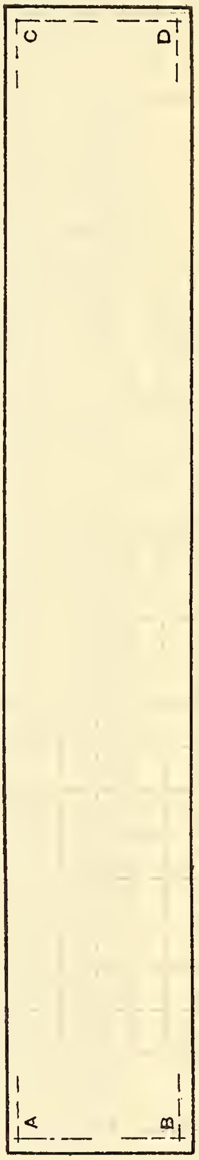
AEROFOIL, EIFFEL BIPLANE No. 6.

SIZE OF MODEL, 900 BY 147.84 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



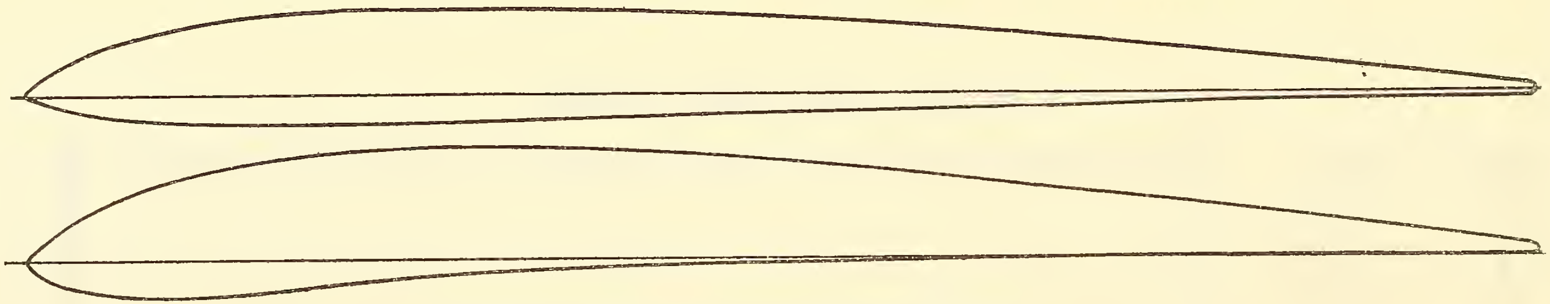
EIFFEL BIPLANE No. 6.



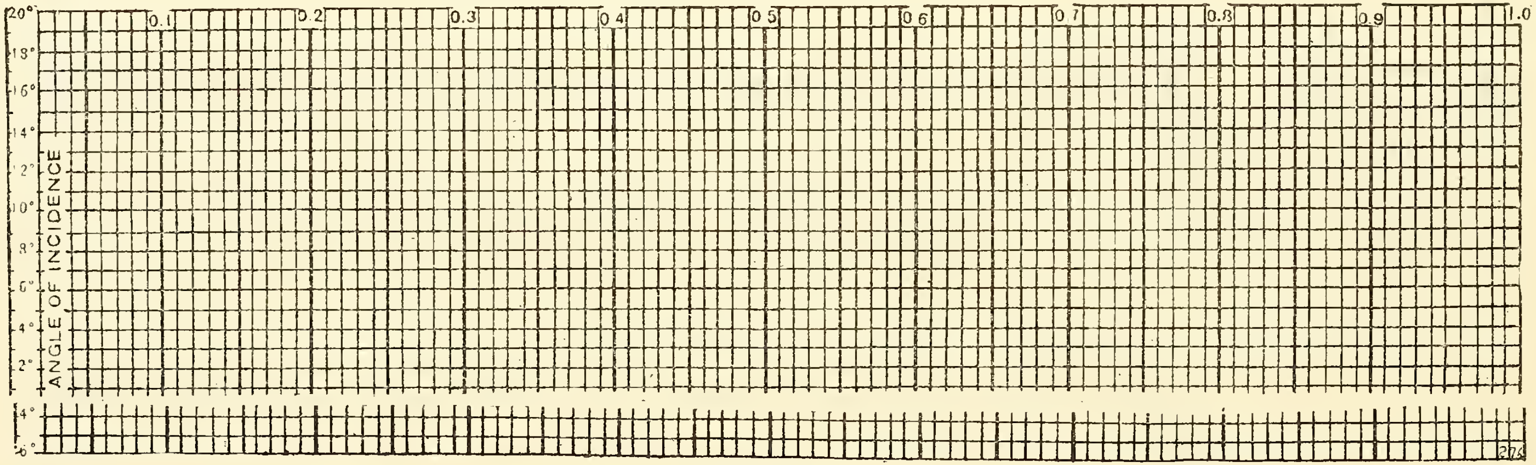


A, B, C, D=6-MM. STRUTS.

AEROFOIL, EIFFEL BIPLANE RB2 (KAUFMANN No. 2).



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.01	.04	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.01	.025	.042	.051	.054	.053	.0475	.04	.032	.0025	.015	.0045
Lower camber	0	—.0075	—.014	—.019	—.021	—.0195	—.017	—.0145	—.012	—.0095	—.007	—.0045	.002

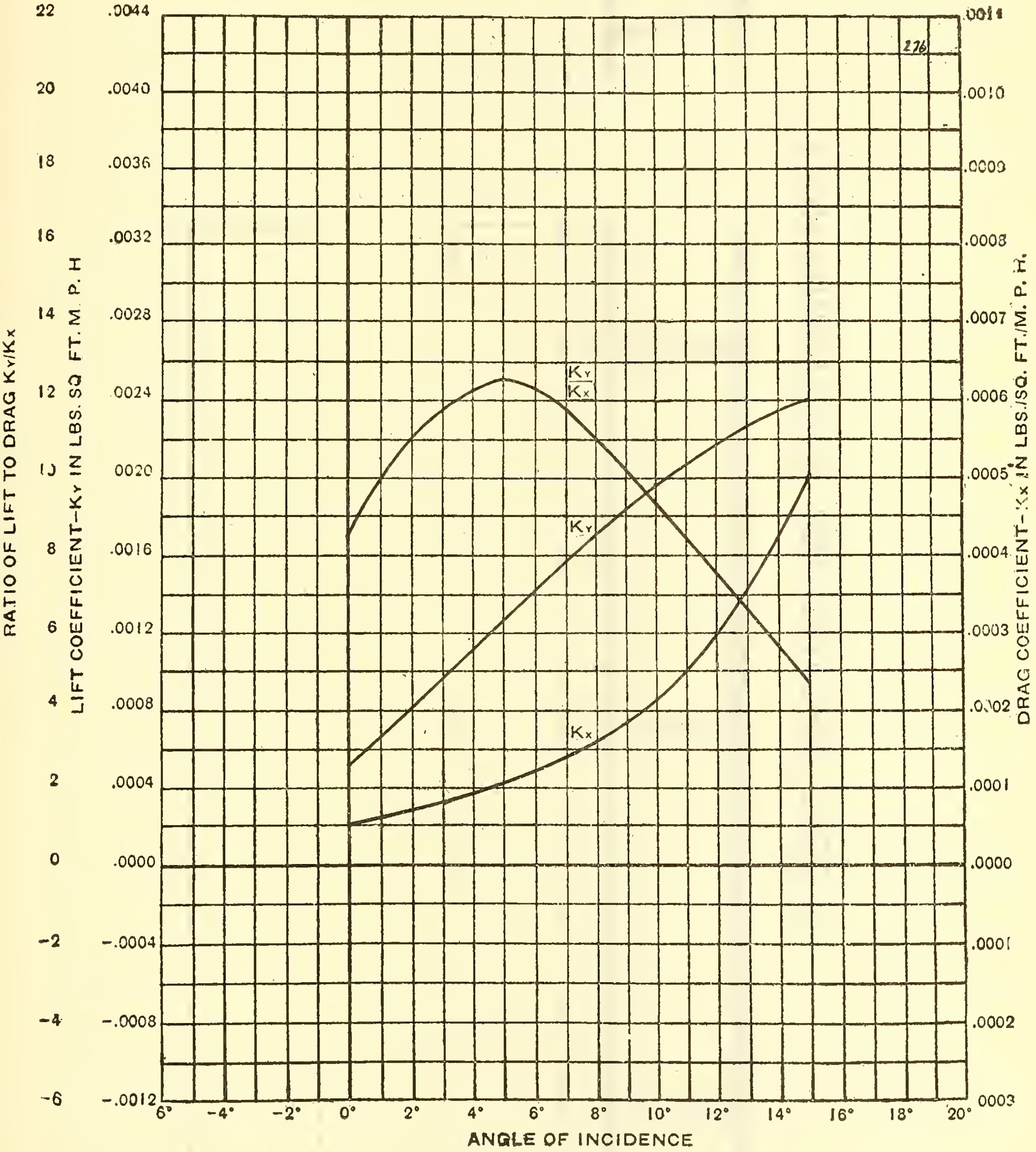
LOWER PLANE.

Distance from leading edge	0	.01	.04	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	0	.01	.03	.053	.068	.072	.071	.063	.053	.0425	.03	.02	.009
Lower camber	0	—.01	—.02	—.024	—.017	—.009	—.004	—.001	0	0	0	0	0

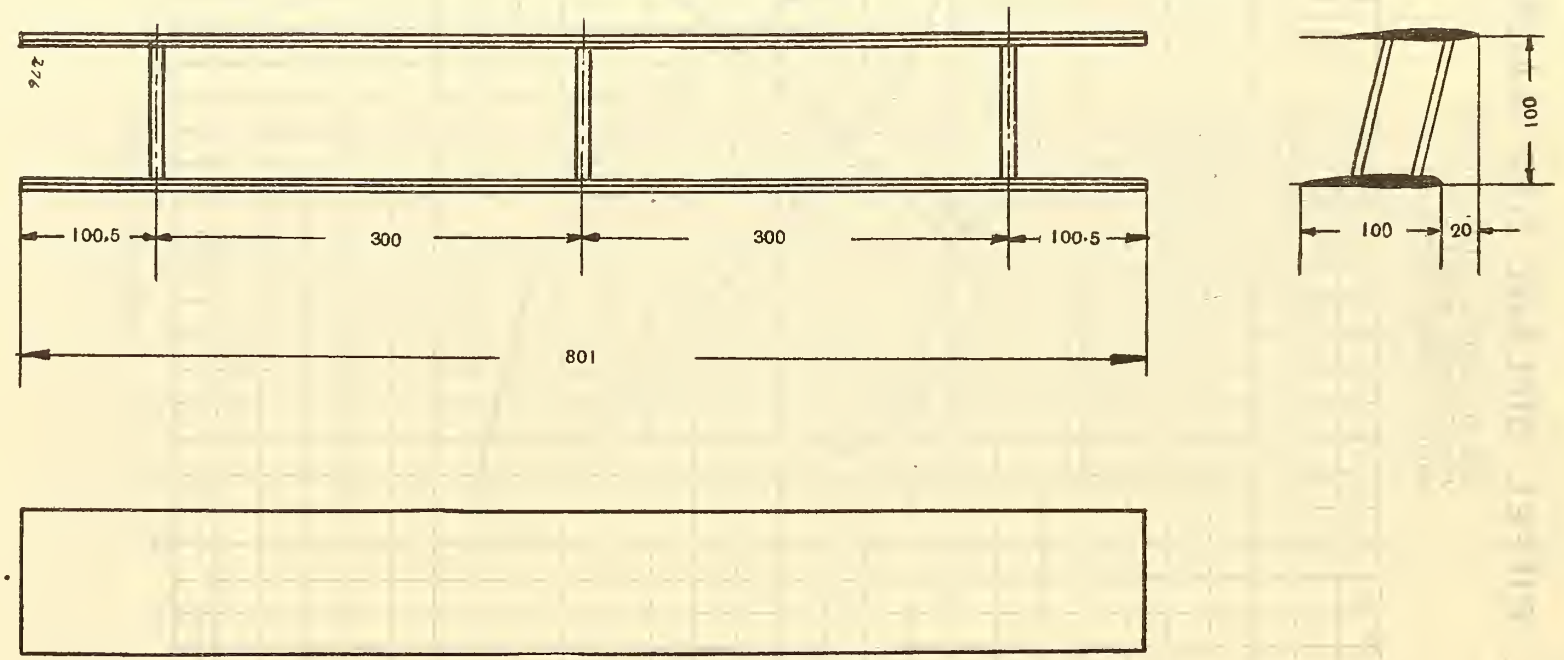
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB2 (KAUFMANN No. 2).

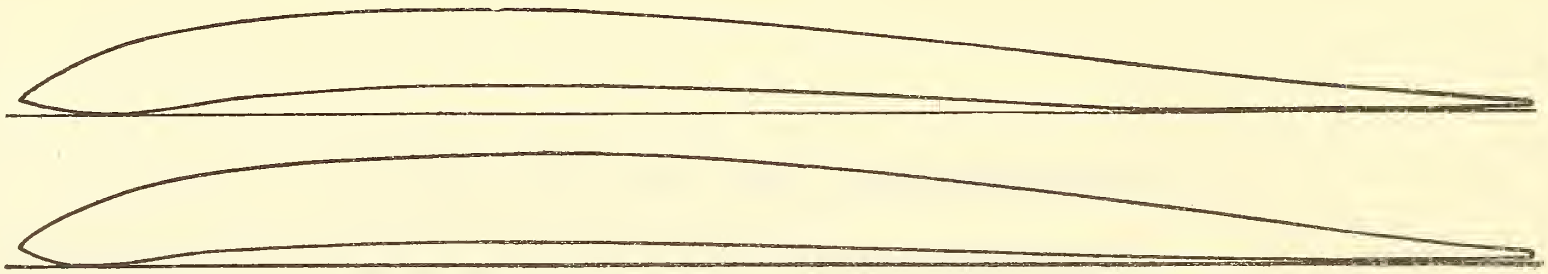
SIZE OF MODEL, 801 BY 100 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



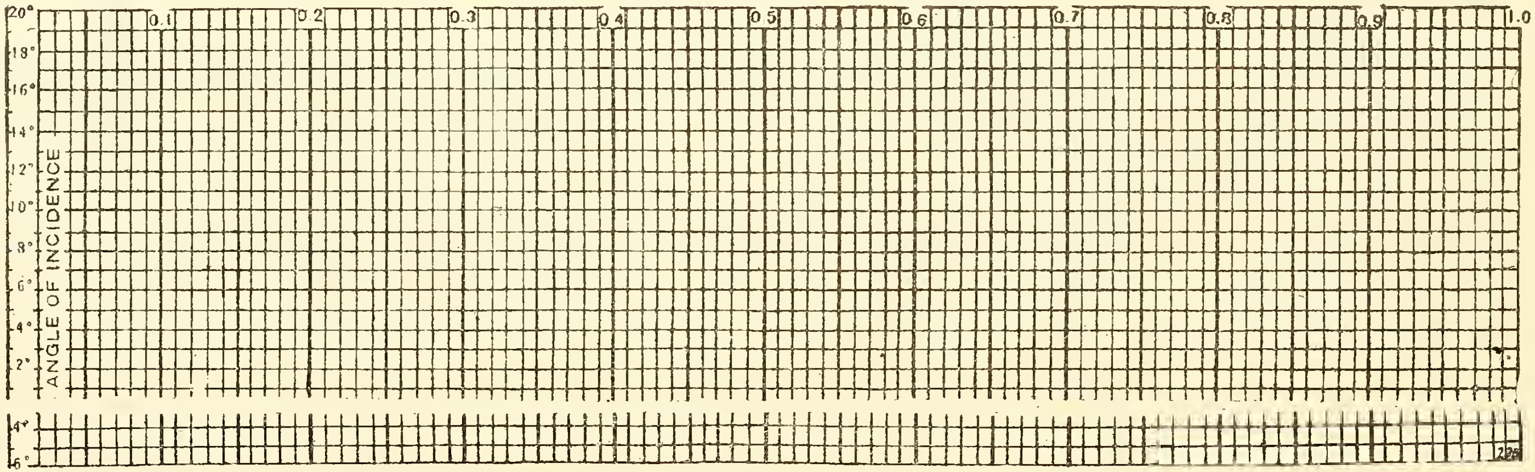
EIFFEL BIPLANE RB2 (KAUFMANN No. 2).



AEROFOIL, EIFFEL BIPLANE RB3 (POBEREJSKY).



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.04	.053	.066	.07	.066	.058	.046	.034	.025	.016	.006
Lower camber	.01	0	.006	.018	.022	.018	.013	.008	.004	.002	0	.002

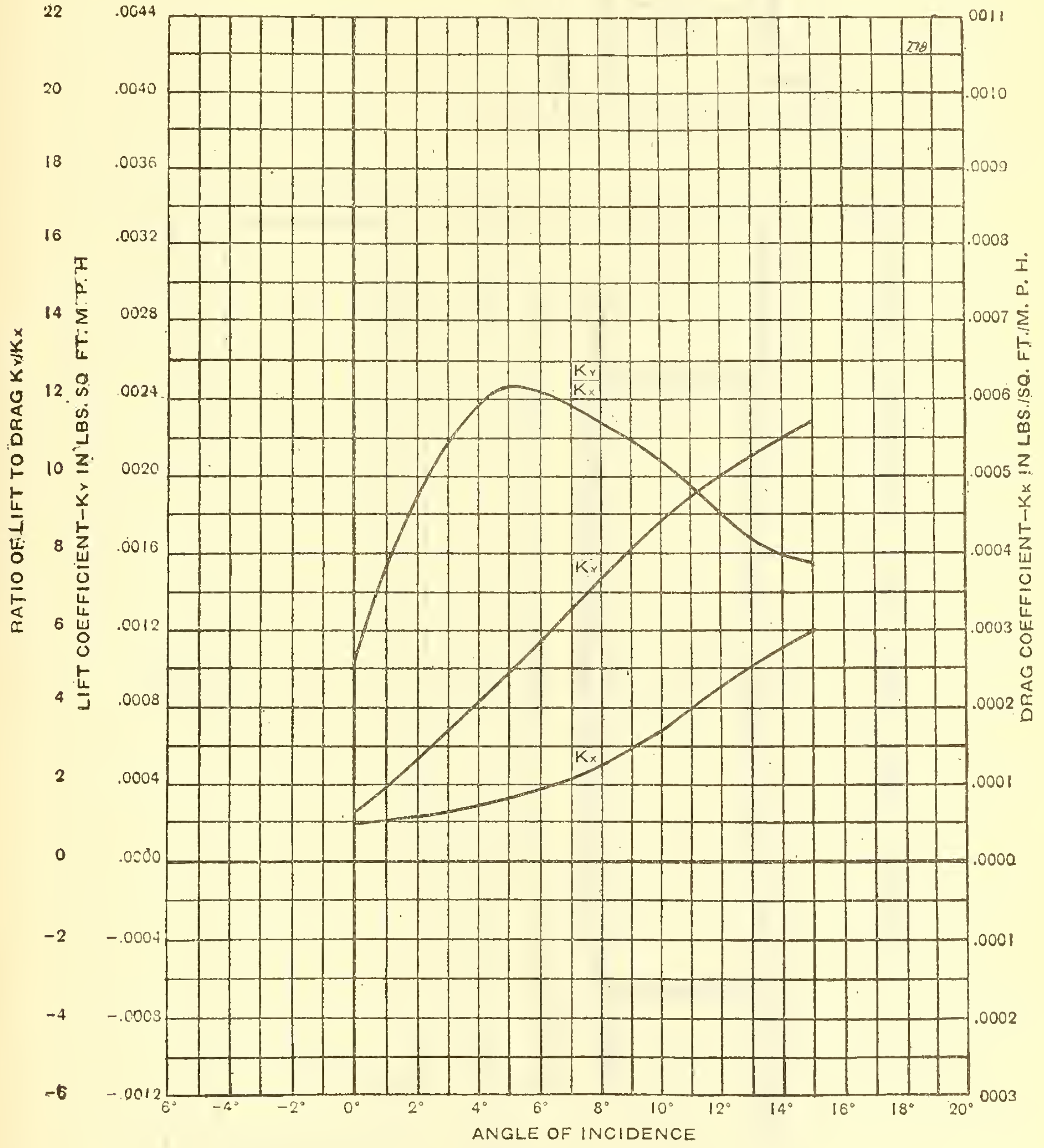
LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.014	.042	.056	.07	.074	.071	.067	.057	.044	.03	.170	.006
Lower camber	.014	0	.005	.013	.016	.013	.009	.004	.002	0	.001	.002

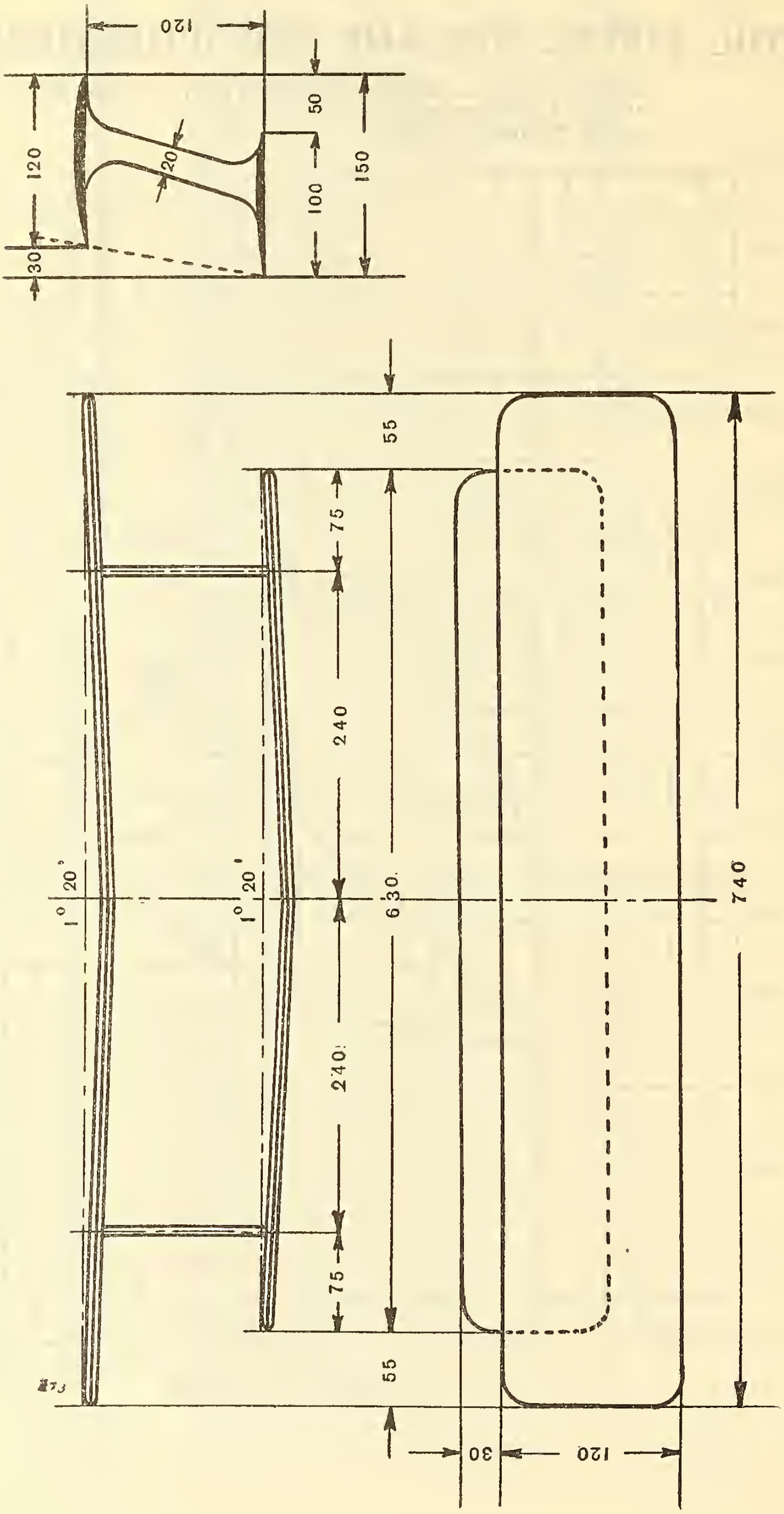
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB3 (POBEREJSKY No. 1).

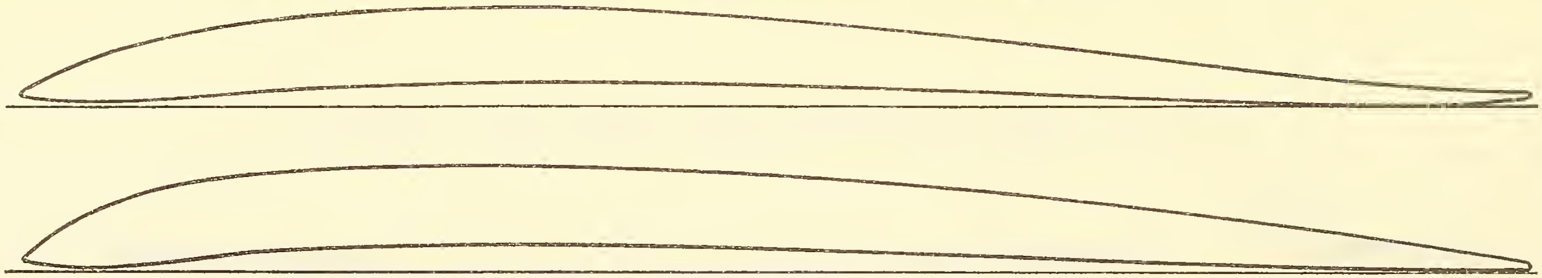
SIZE OF MODEL, UPPER. 740 BY 120 MM.; LOWER, 630 BY 100 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



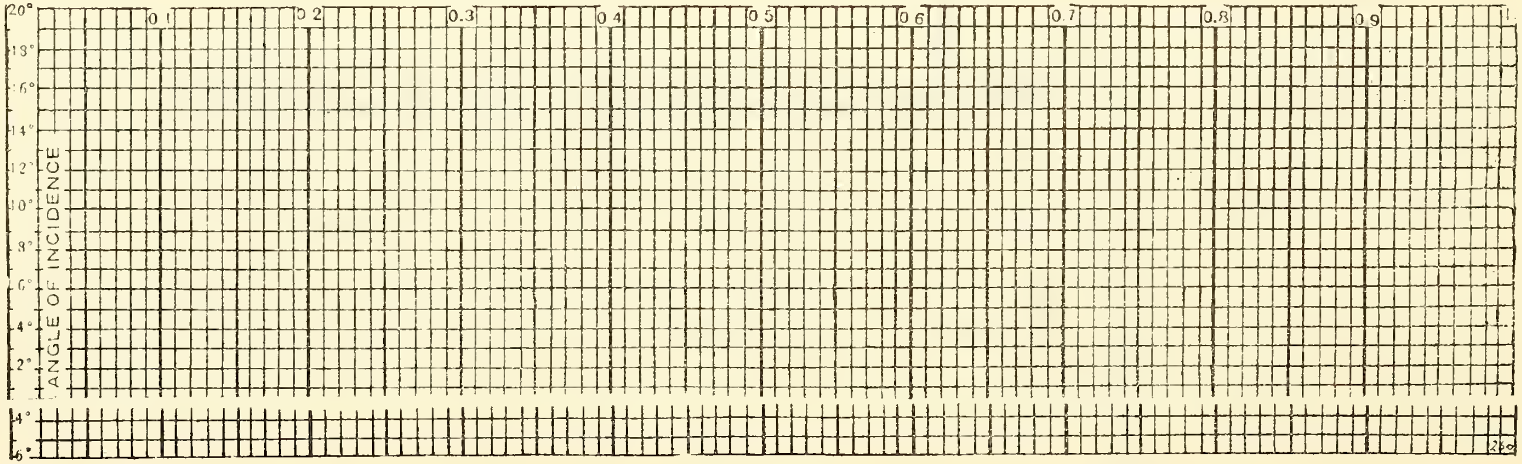
EIFFEL BIPLANE RB3 (POBEREJSKY NO. 1).



AEROFOIL, EIFFEL BIPLANE RB4 (BREGUET No. 1).



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.005	.035	.048	.056	.062	.062	.057	.05	.037	.026	.017	.01
Lower camber	.005	.01	.007	.013	.016	.016	.013	.01	.007	.003	0	.005

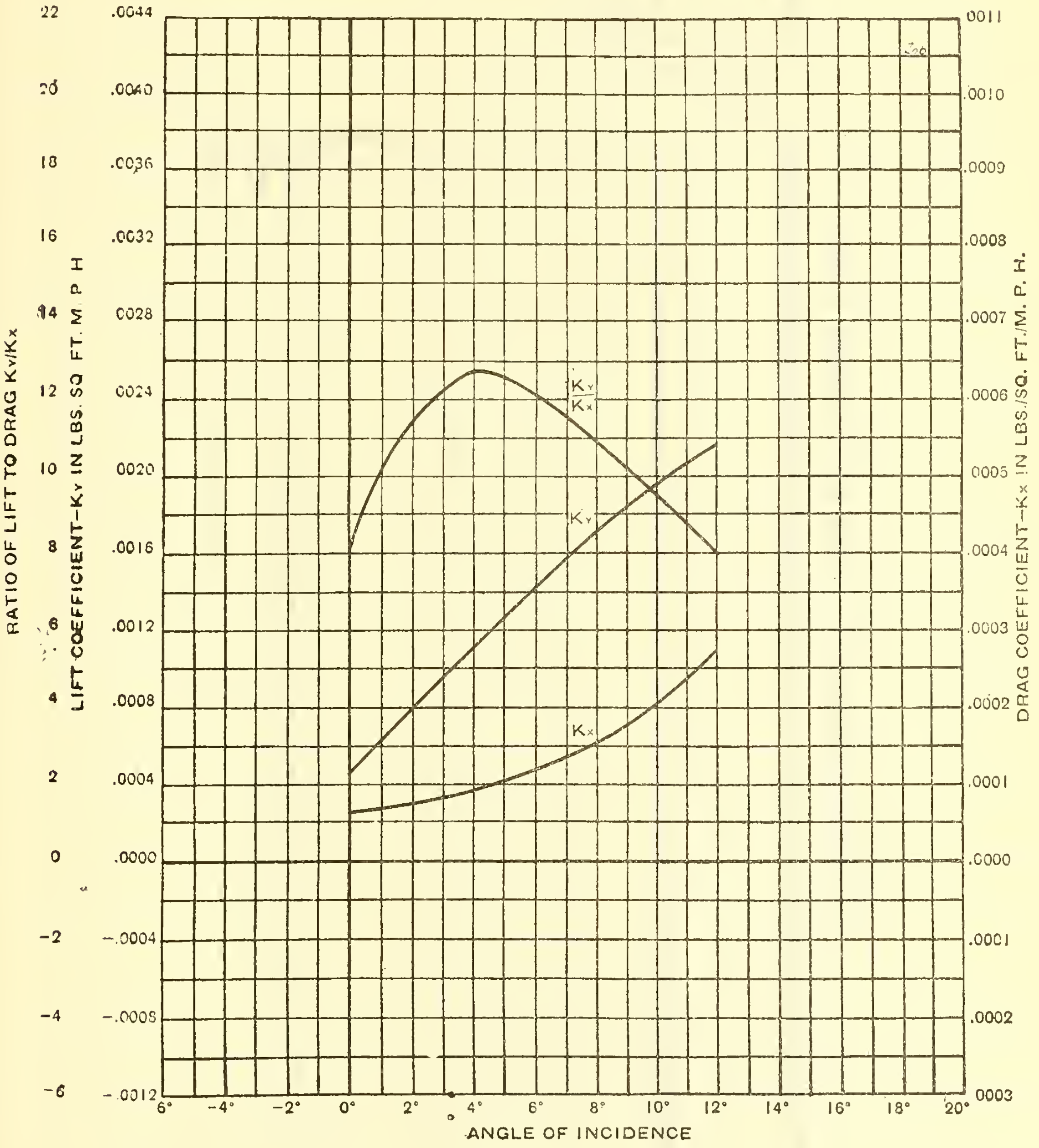
LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.006	.041	.056	.067	.071	.07	.067	.058	.051	.037	.024	.004
Lower camber	.006	.001	.008	.017	.019	.02	.017	.012	.008	.004	0	0

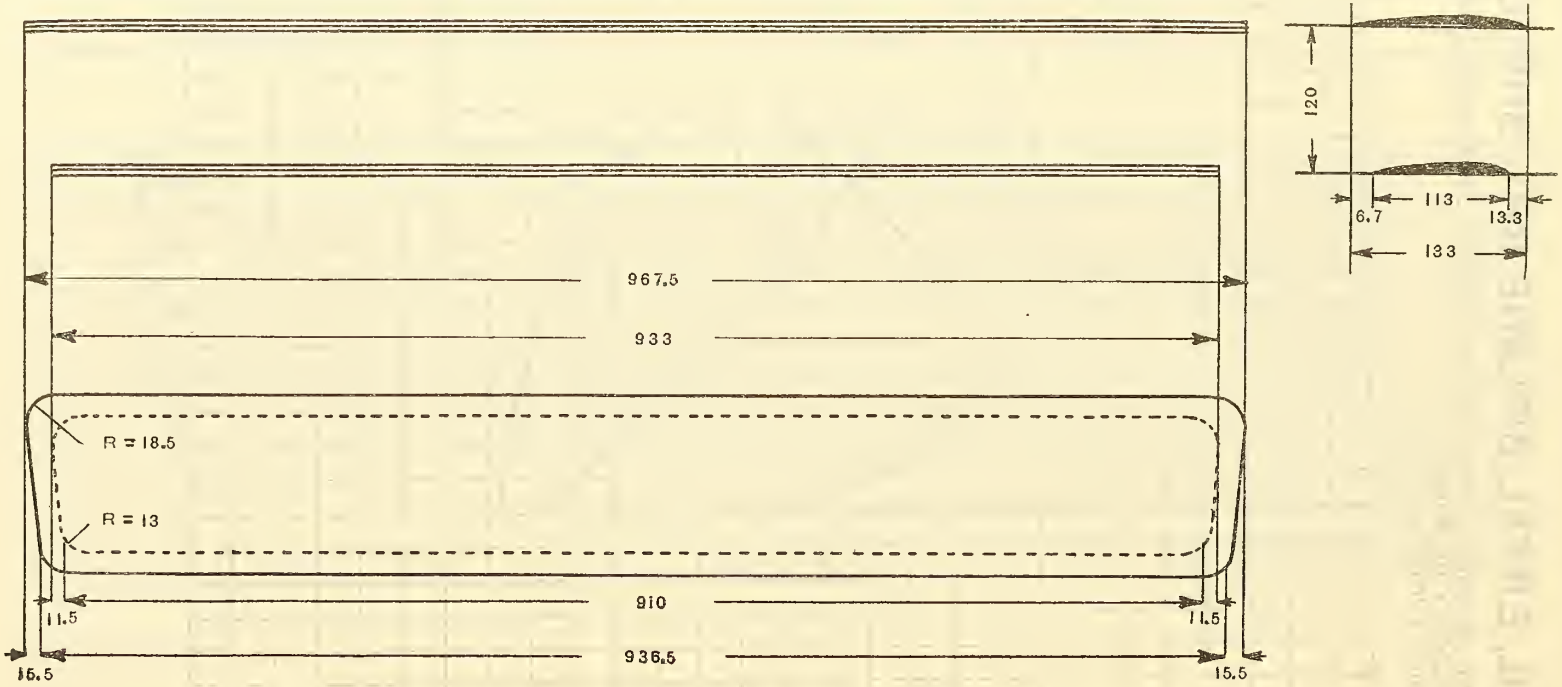
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB4 (BREGUET No. 1).

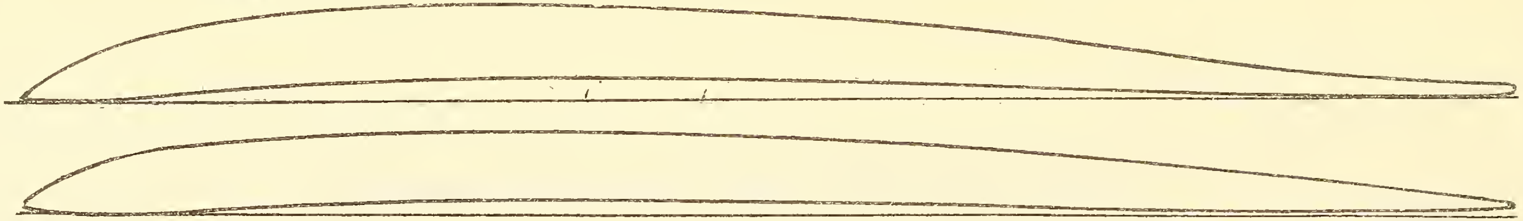
SIZE OF MODEL, UPPER 967.5 BY 133 MM.; LOWER 933 BY 113 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



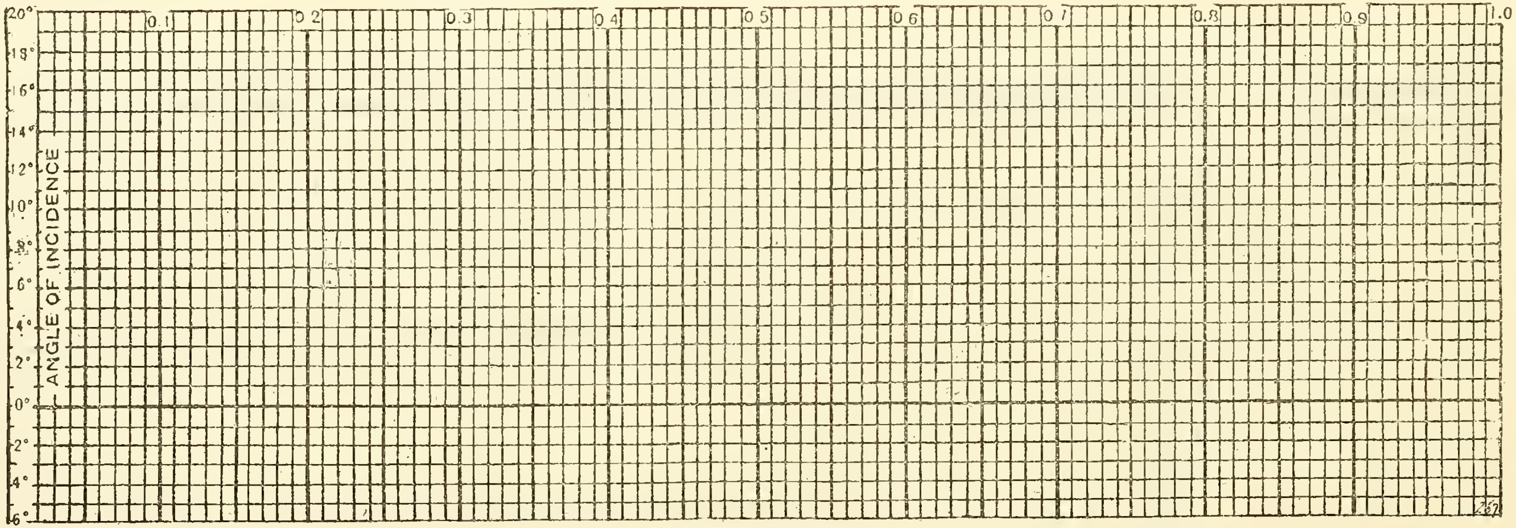
EIFFEL BIPLANE RB4 (BREGUET No. 1).



AEROFOIL, EIFFEL BIPLANE RB5 (BREGUET No. 2).



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.005	.035	.048	.056	.062	.062	.057	.05	.037	.026	.017	.01
Lower camber	.005	.001	.007	.013	.016	.016	.013	.01	.007	.003	0	.005

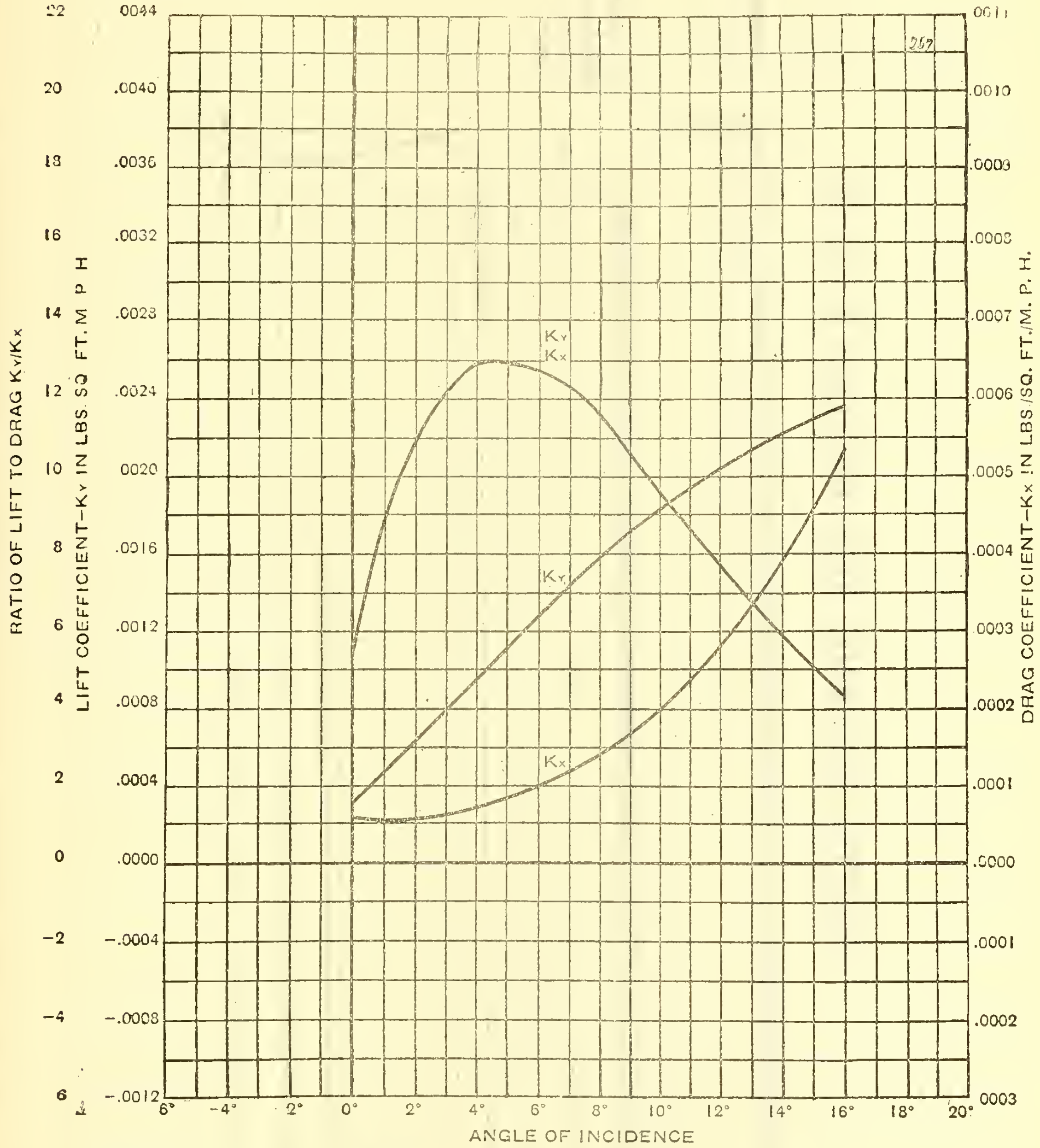
LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.002	.035	.044	.051	.054	.051	.047	.044	.034	.024	.023	....
Lower camber	.002	0	0	.006	.008	.008	.007	.007	.004	0	.003	.005

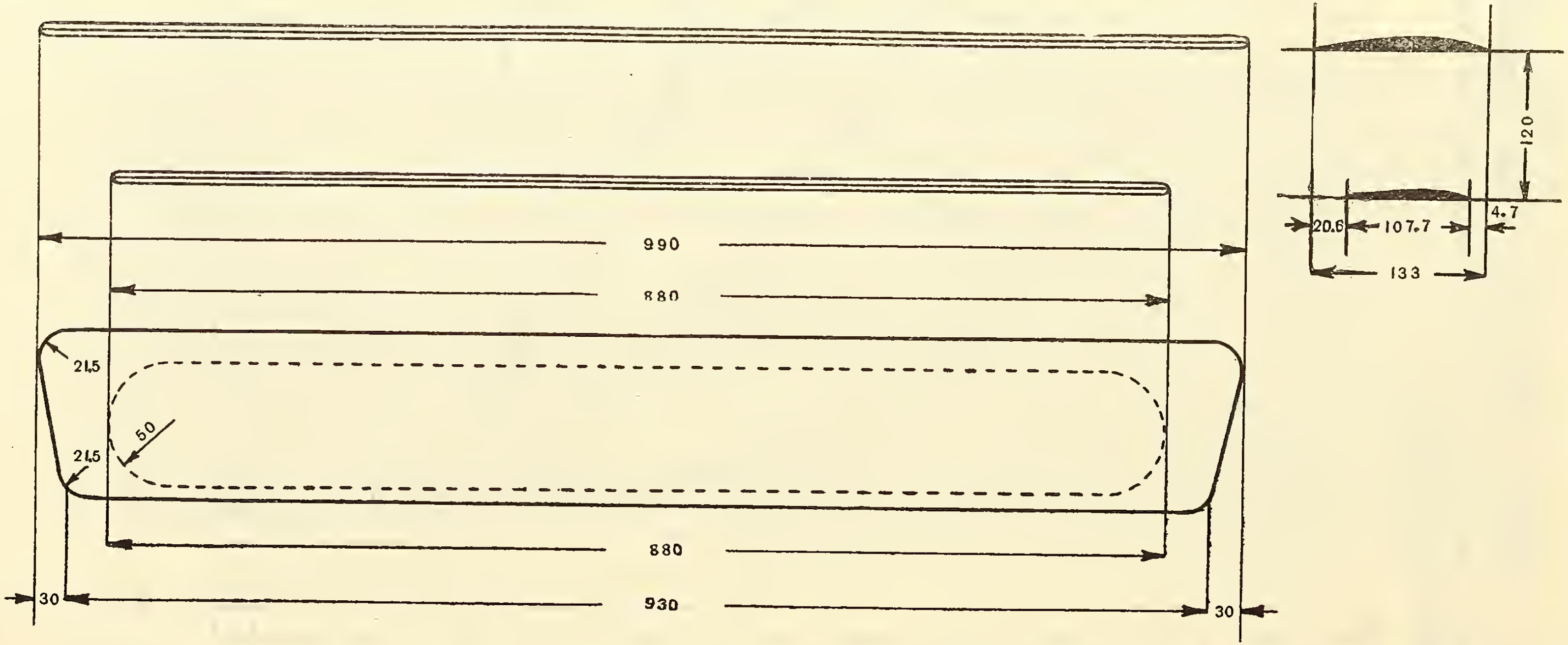
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB5 (BREGUET No. 2).

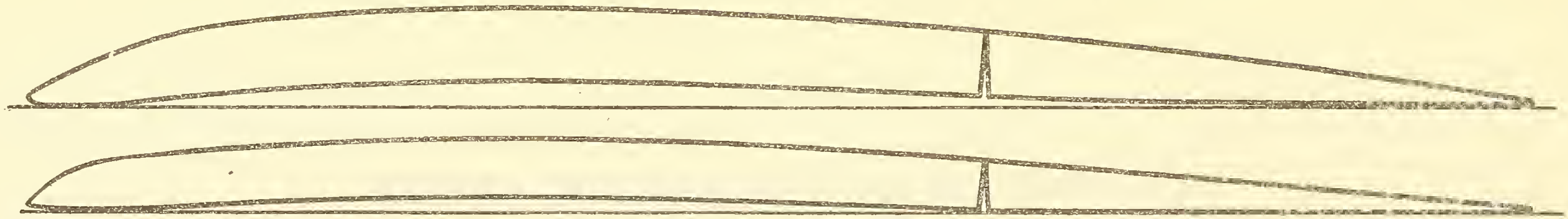
SIZE OF MODEL, UPPER, 990 BY 133 MM.; LOWER 880 BY 107.7 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



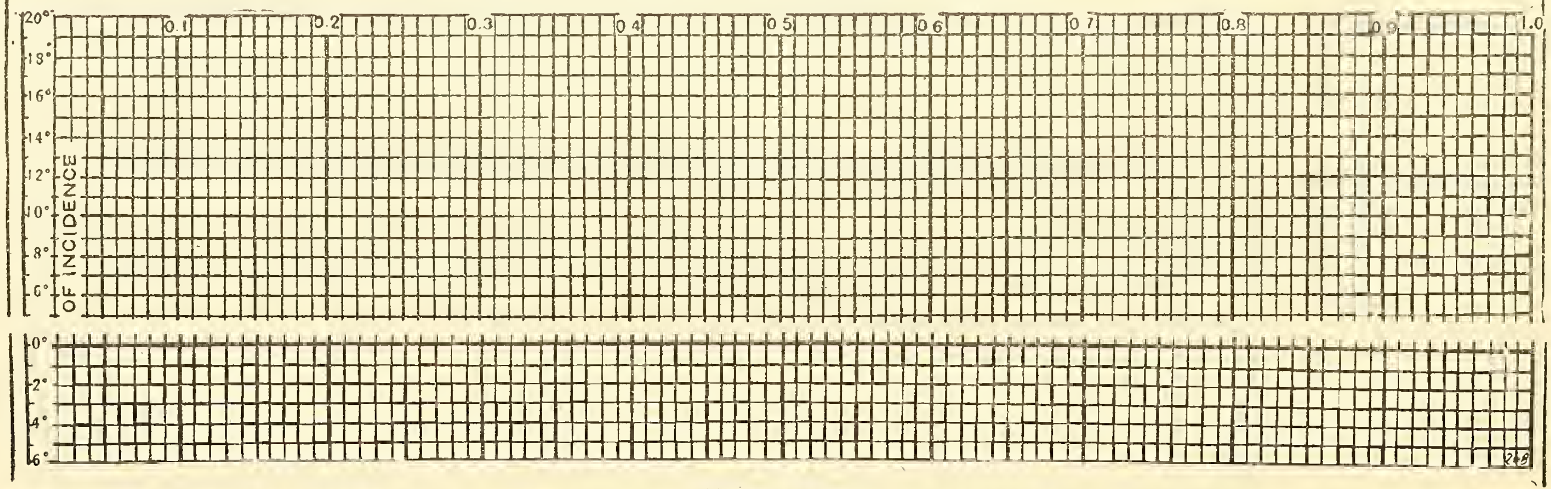
EIFFEL BIPLANE RB5 (BREGUET No. 2).



AEROFOIL, EIFFEL BIPLANE RB6 (BREGUET No. 3).



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.0135	.0435	.0735	.1035	.1282	.1582	.1777	.2227	.2827	.3427	.4275	.4725	.5325	.5925	.6345	1.00
Upper camber	....	.0172	.033	.0434	.048	.051	.0565	.0578	.0607	.0637	.065	.0637	.0592	.0547	.0502	.0487	....
Lower camber	....	0	.0022	.0052	.0075	.009	.0135	.015	.0165	.0187	.019	.0187	.015	.0112	.009	.0075	0

Movable at 36.5 mm. from trailing edge.

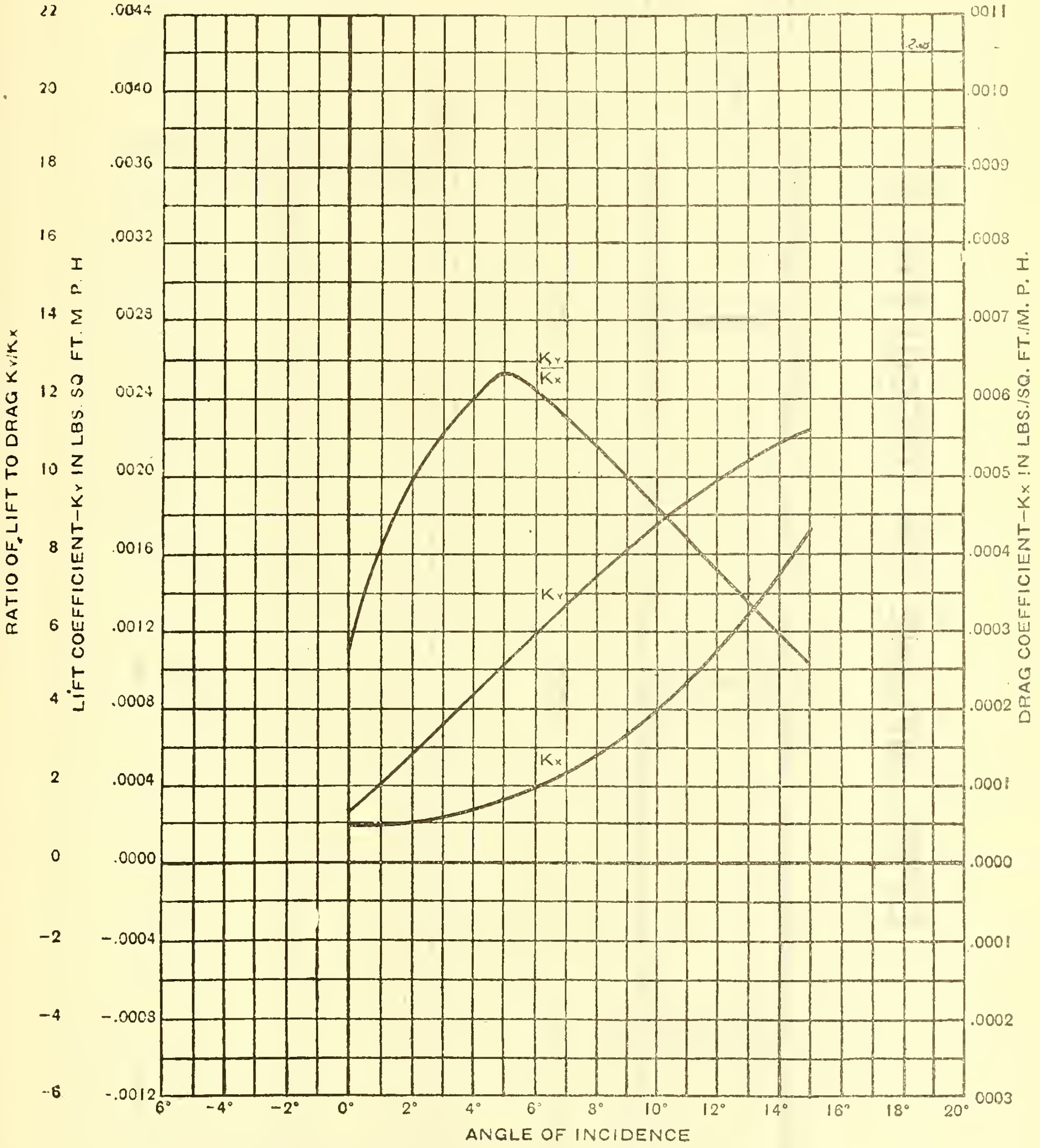
LOWER PLANE.

Distance from leading edge	0	.0111	.0452	.07	.1075	.1416	.1638	.2049	.2830	.3511	.4476	.4987	.5668	.635	1.00
Upper camber	....	.017	.0324	.039	.0426	.0451	.0465	.0487	.0494	.0477	.0452	.0416	.0375	.0332	....
Lower camber	....	0	0	.0017	.0034	.0051	.006	.0077	.0094	.0077	.006	.003	.0009	0	0

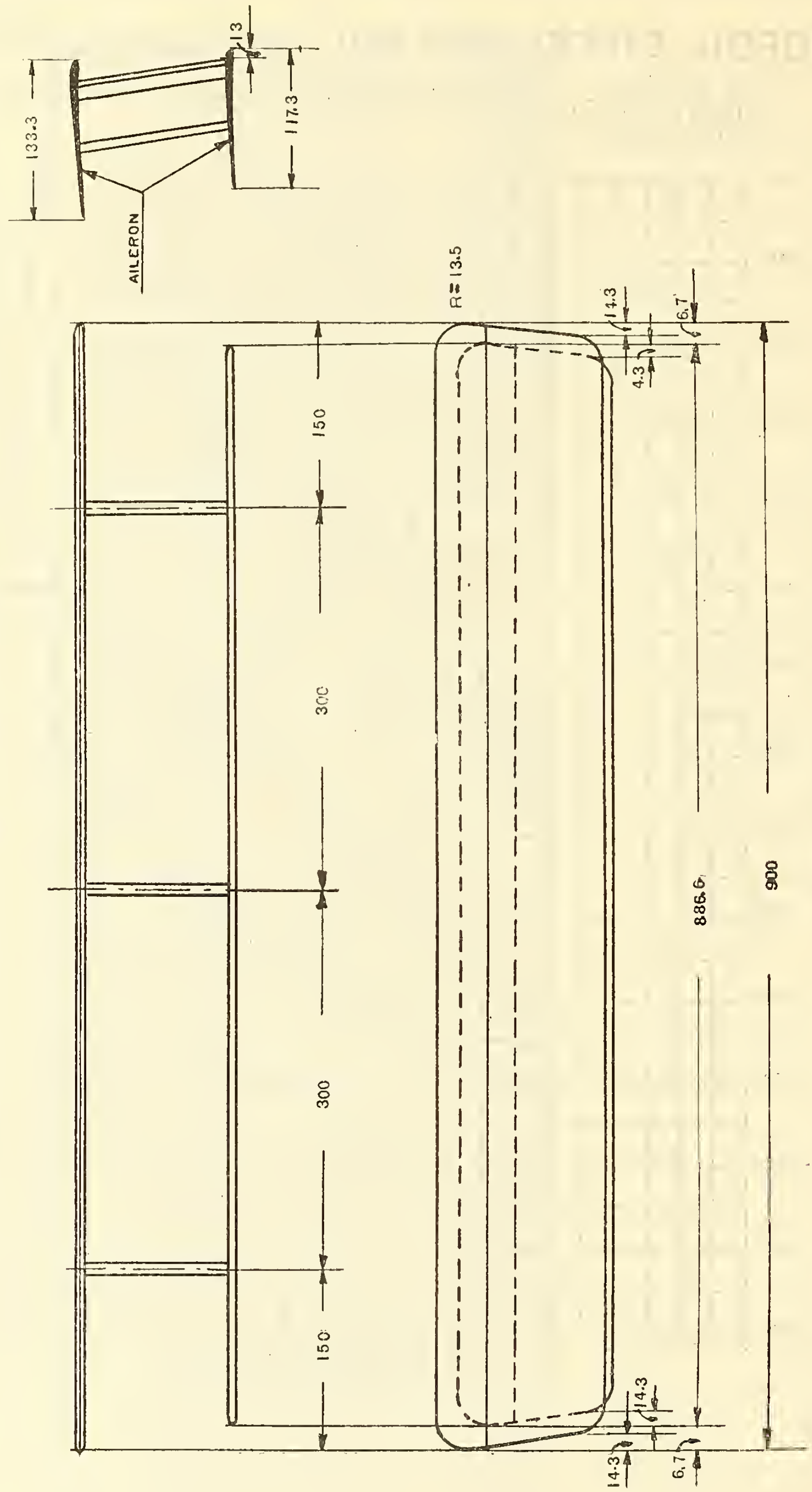
Movable at 36.5 mm. from trailing edge. All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB6 (BREGUET No. 3).

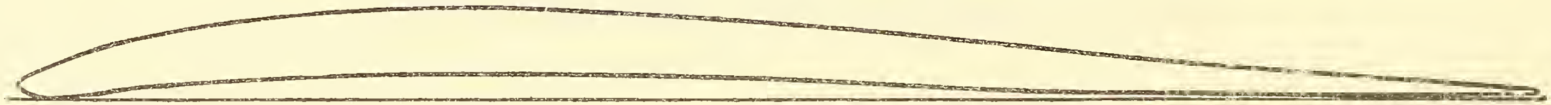
SIZE OF MODEL, UPPER, 900 BY 133.3 MM.; LOWER, 886.6 BY 117.3 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



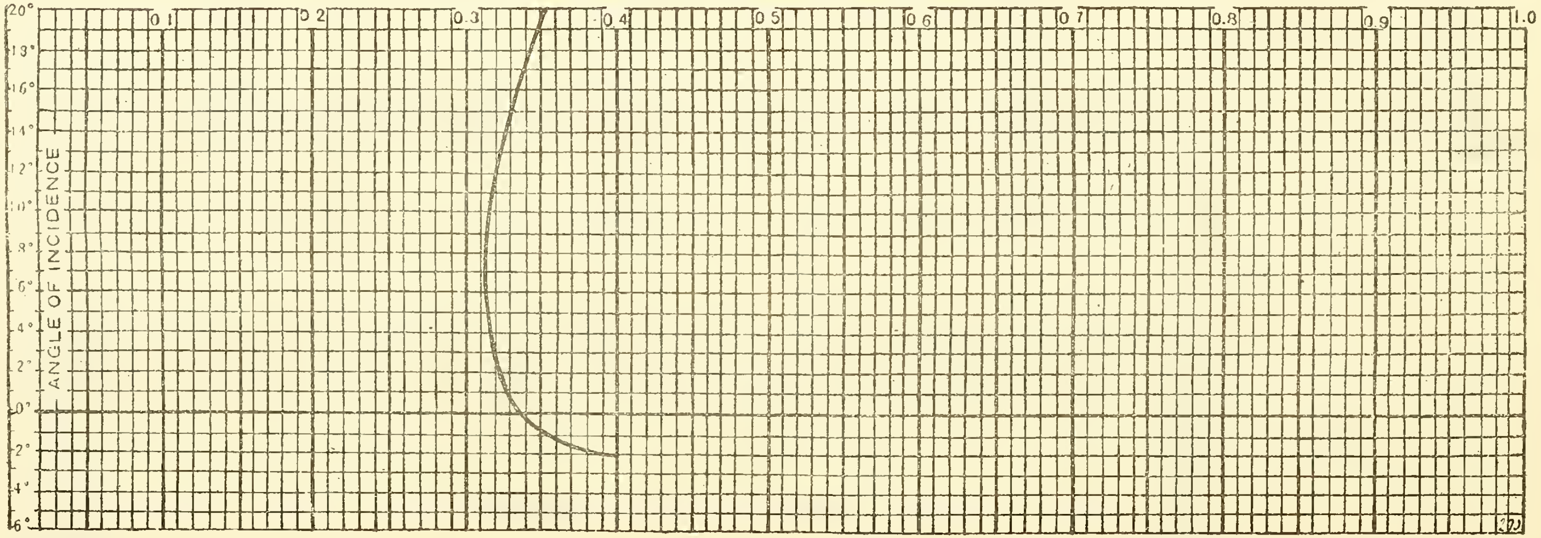
EIFFEL BIPLANE RB6 (BREGUET No. 3).



AEROFOIL, EIFFEL BIPLANE RB7 (S. T. A.).



CURVE OF CENTER OF PRESSURE TRAVEL



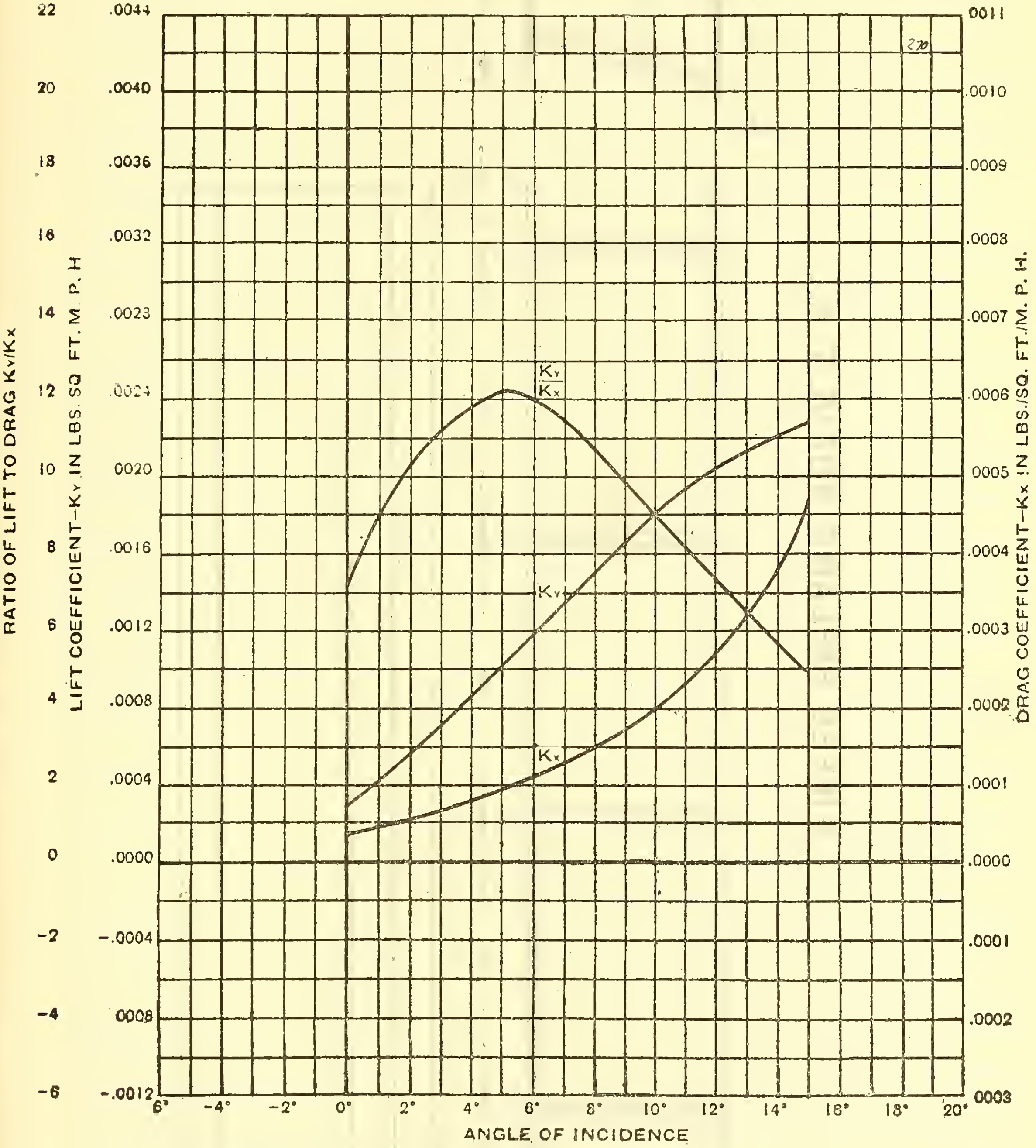
UPPER AND LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.036	.047	.053	.06	.053	.05	.041	.033	.027	.015	.006
Lower camber	.01	.003	.01	.013	.017	.013	.01	.008	.003	0	0	.006

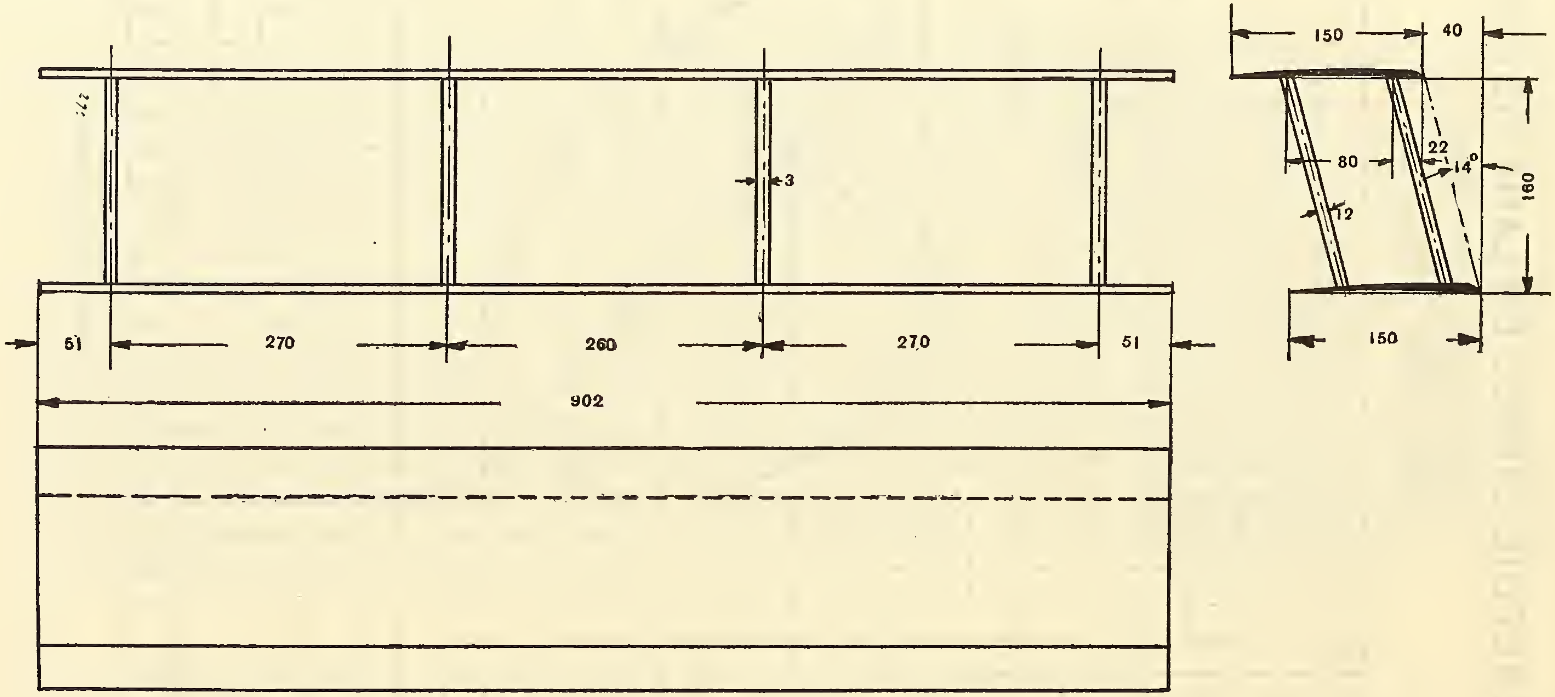
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB7 (S. T. A.).

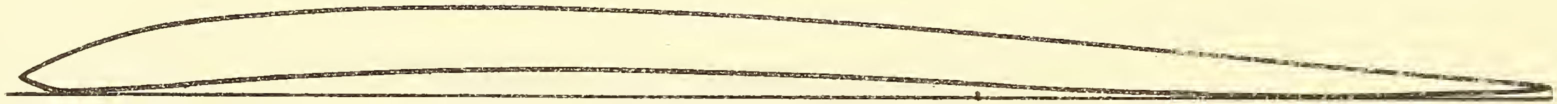
SIZE OF MODEL, 902 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



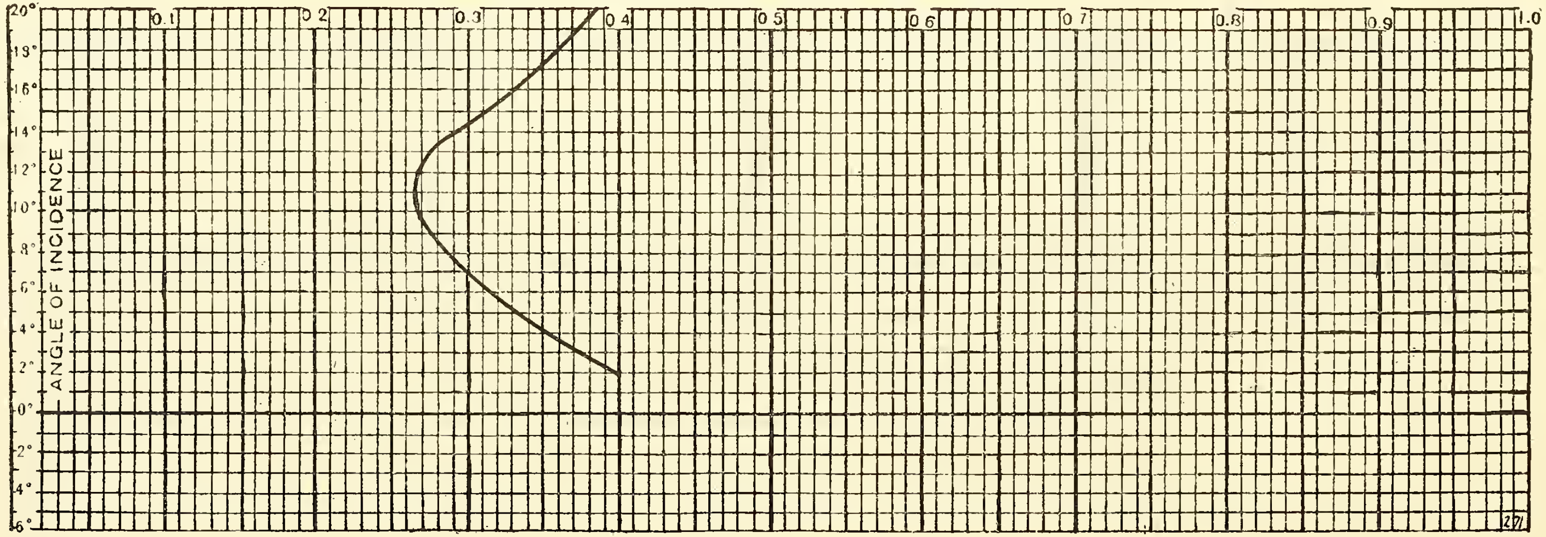
EIFFEL BIPLANE RB7 (S. T. A.).



AEROFOIL, EIFFEL BIPLANE RB8 (S. T. A.).



CURVE OF CENTER OF PRESSURE TRAVEL



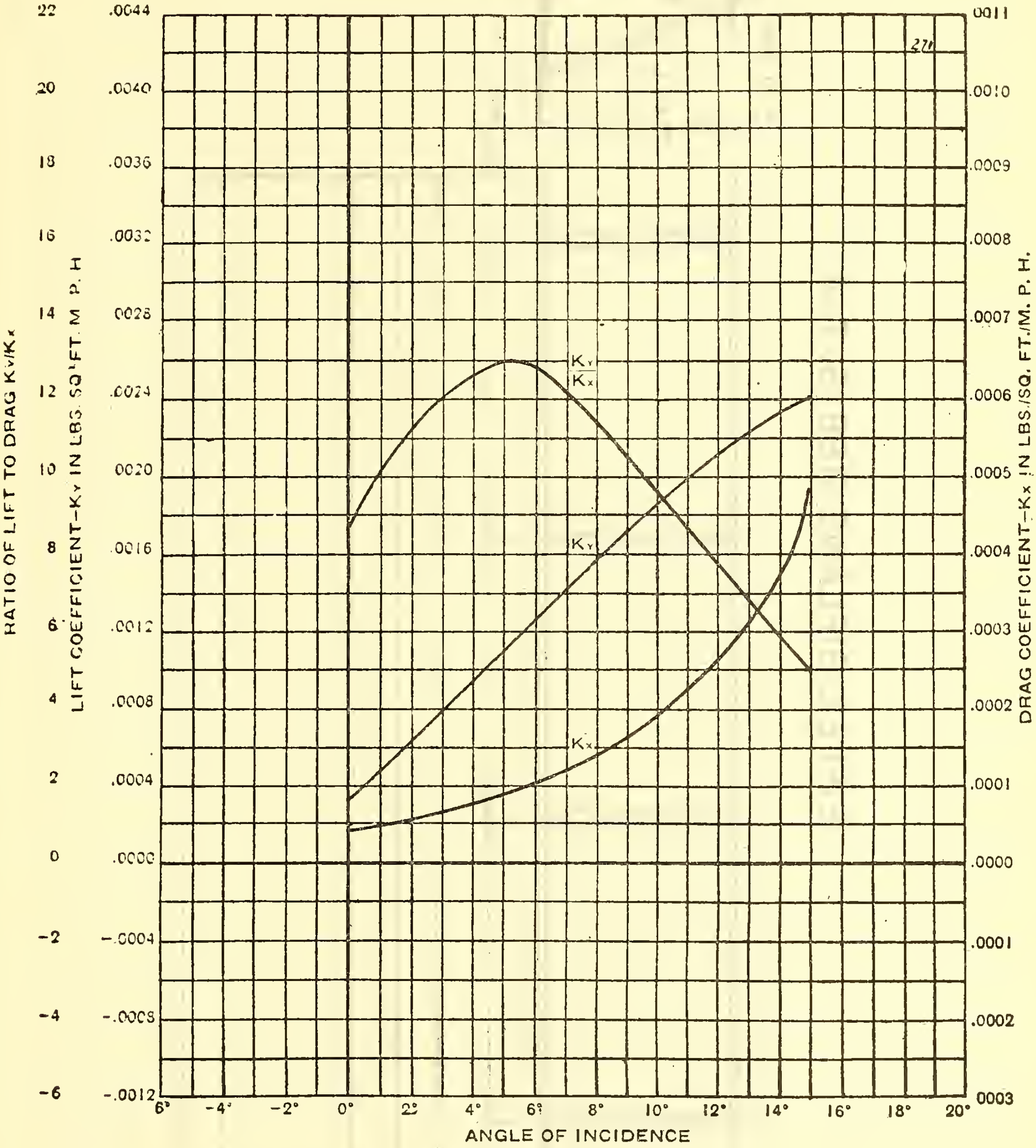
UPPER AND LOWER PLANE.

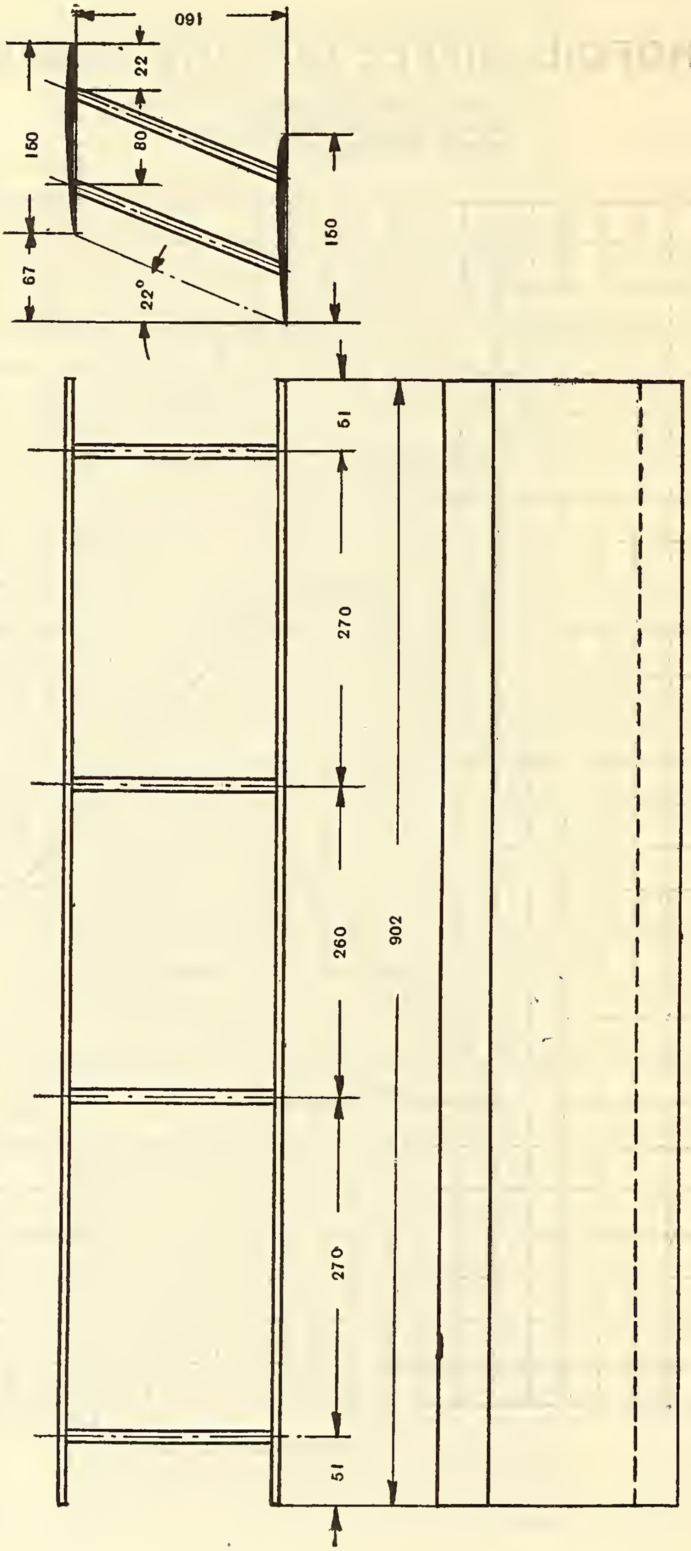
Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.036	.047	.053	.06	.053	.05	.041	.033	.027	.015	.006
Lower camber	.01	.003	.01	.013	.017	.013	.01	.008	.003	0	0	.006

All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB8 (S. T. A.)

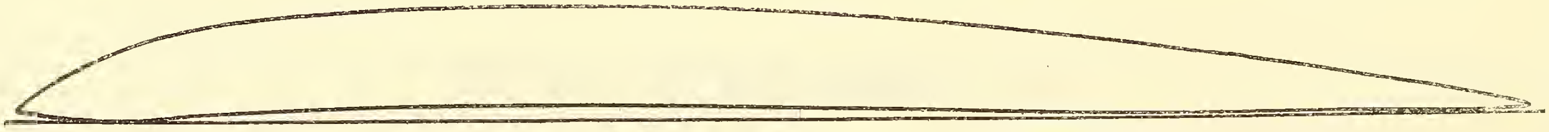
SIZE OF MODEL, 902 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



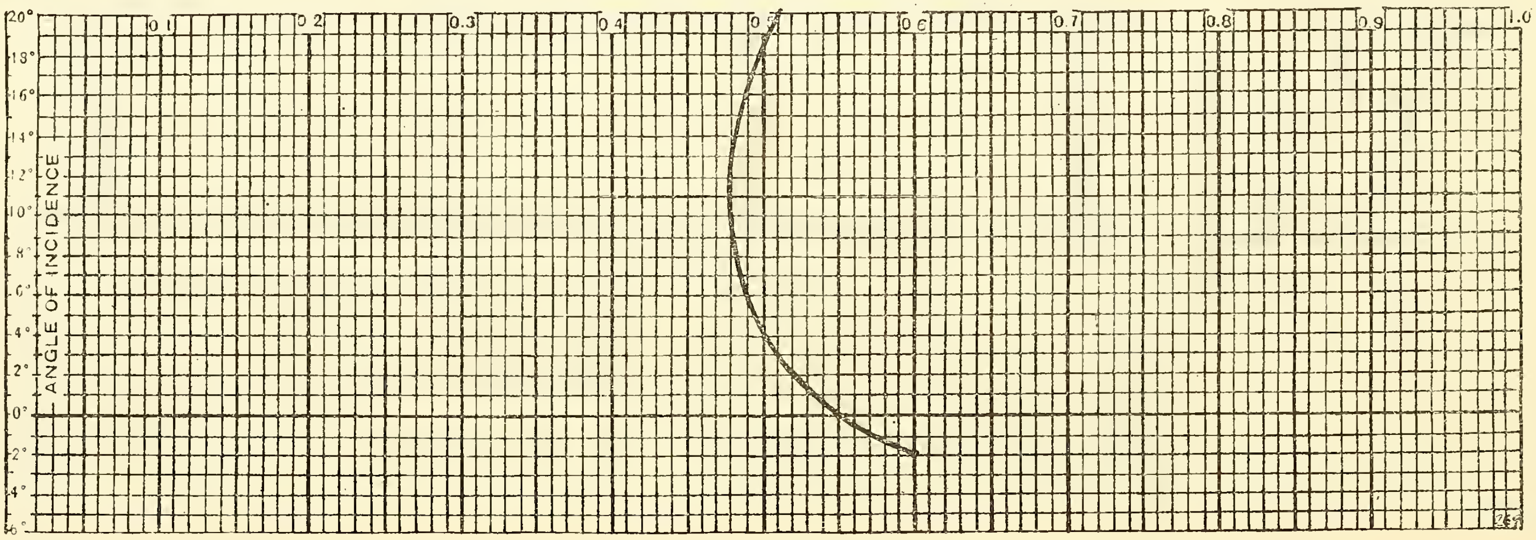


EIFFEL BIPLANE RB8 (S. T. A.).

AEROFOIL, EIFFEL BIPLANE RB9 (A. R.-SOPWITH).



CURVE OF CENTER OF PRESSURE TRAVEL



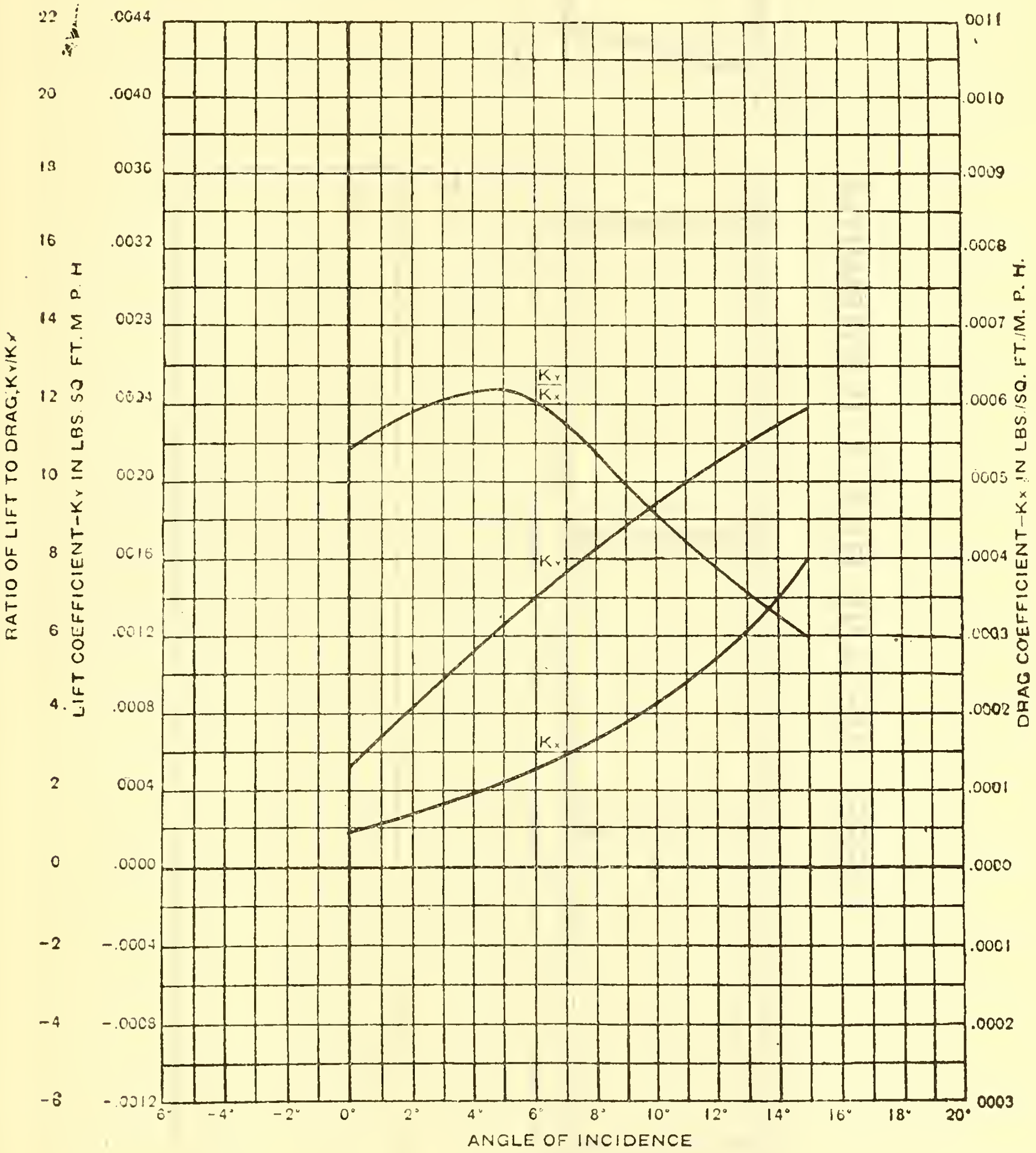
UPPER AND LOWER PLANE.

Distance from leading edge	0	.025	.05	.075	.10	.125	.15	.175	.20	.30	.40	.50	.60	.70	.80	.90	.975	1.00
Upper camber	.009	.03	.0423	.051	.057	.0621	.0655	.069	.0695	.073	.072	.069	.0627	.0542	.0428	.0263	.01	.002
Lower camber	.009	.001	.0003	0	.001	.0021	.0035	.005	.0065	.01	.0095	.0065	.0027	.0012	.0008	.0003	0	.002

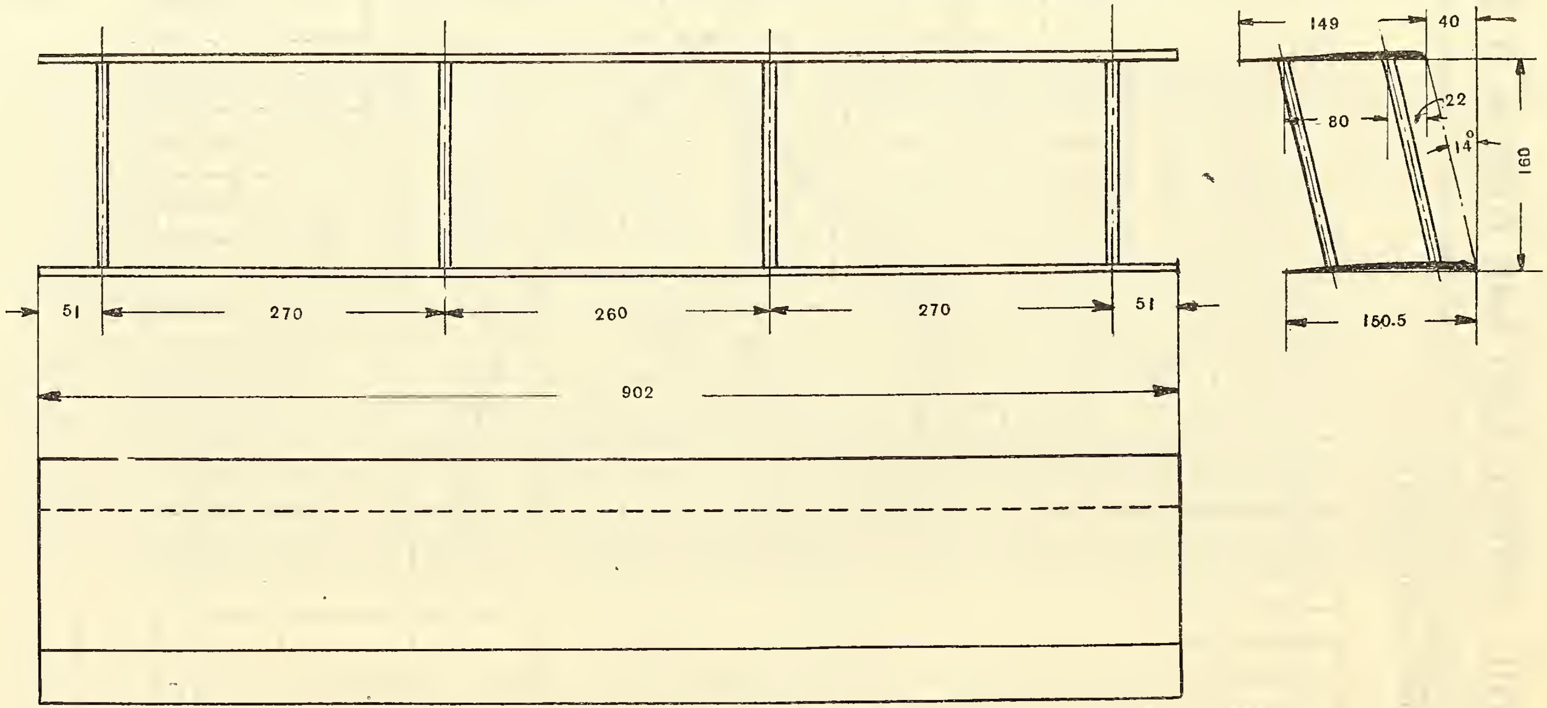
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB9 (A. R.-SOPWITH).

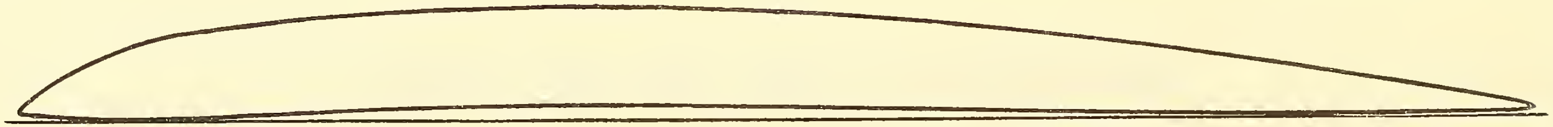
SIZE OF MODEL, UPPER, 902 BY 149 M. M.; LOWER, 902 BY 150.5 M. M.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



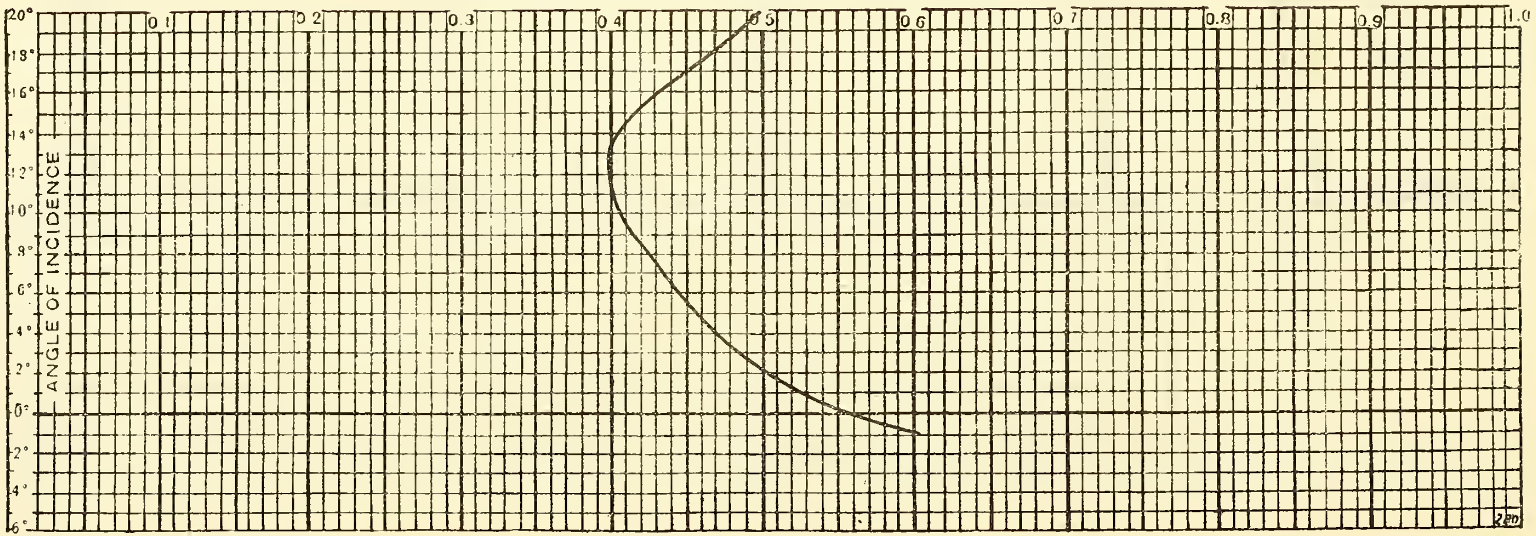
EIFFEL BIPLANE RB9 (A. R.-SOPWITH).



AEROFOIL, EIFFEL BIPLANE RB10 (SOPWITH).



CURVE OF CENTER OF PRESSURE TRAVEL



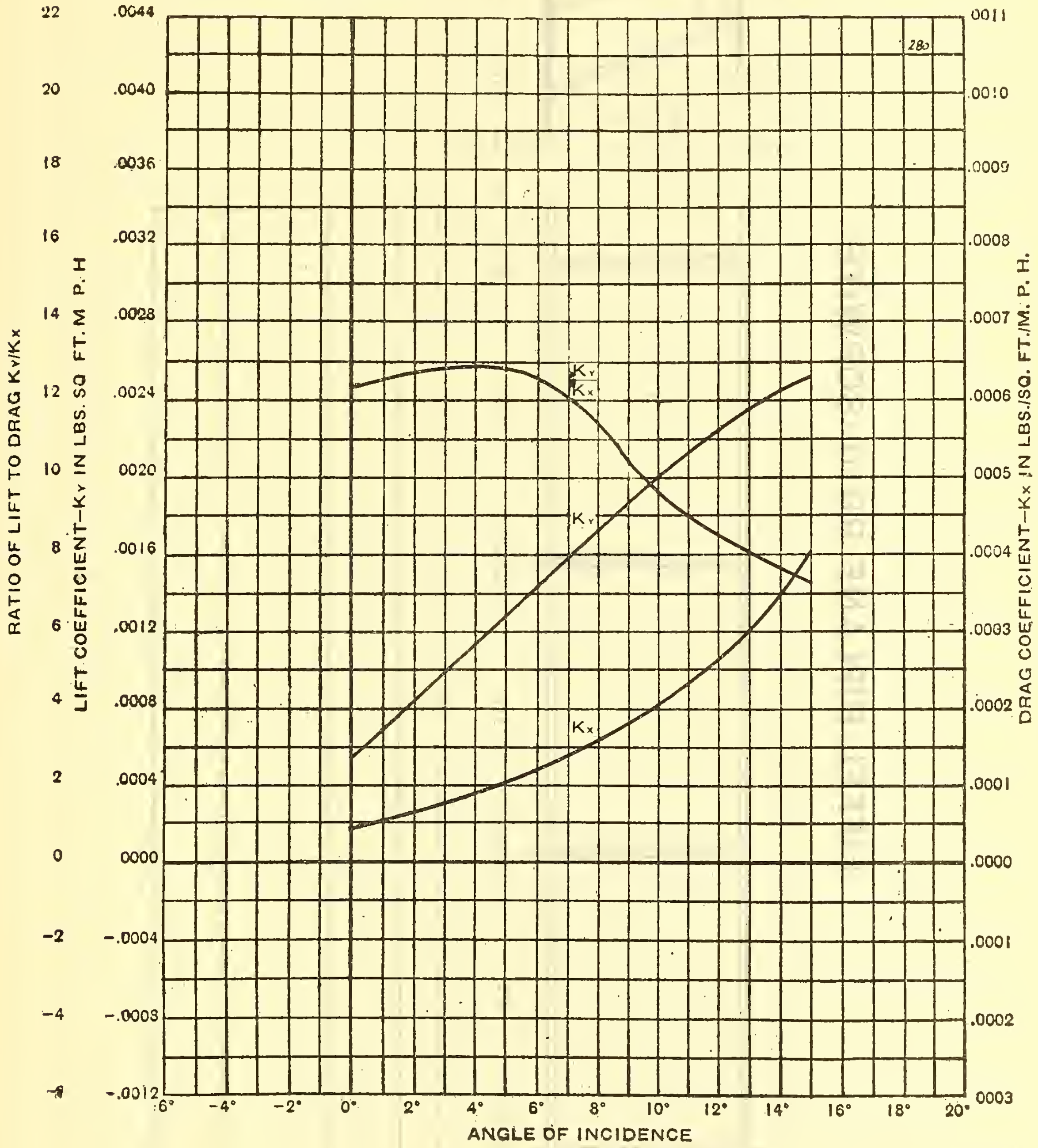
UPPER AND LOWER PLANE.

Distance from leading edge.......	0	.025	.05	.075	.10	.125	.15	.20	.30	.40	.50	.60	.70	.80	.90	.975	1.00
Upper camber....................	.009	.03	.0423	.051	.057	.0621	.0655	.0695	.073	.072	.069	.0627	.0542	.0428	.0263	.01	.002
Lower camber....................	.009	.001	.0003	0	.001	.0021	.0035	.0065	.01	.0095	.0065	.0027	.0012	.0008	.0003	0	.002

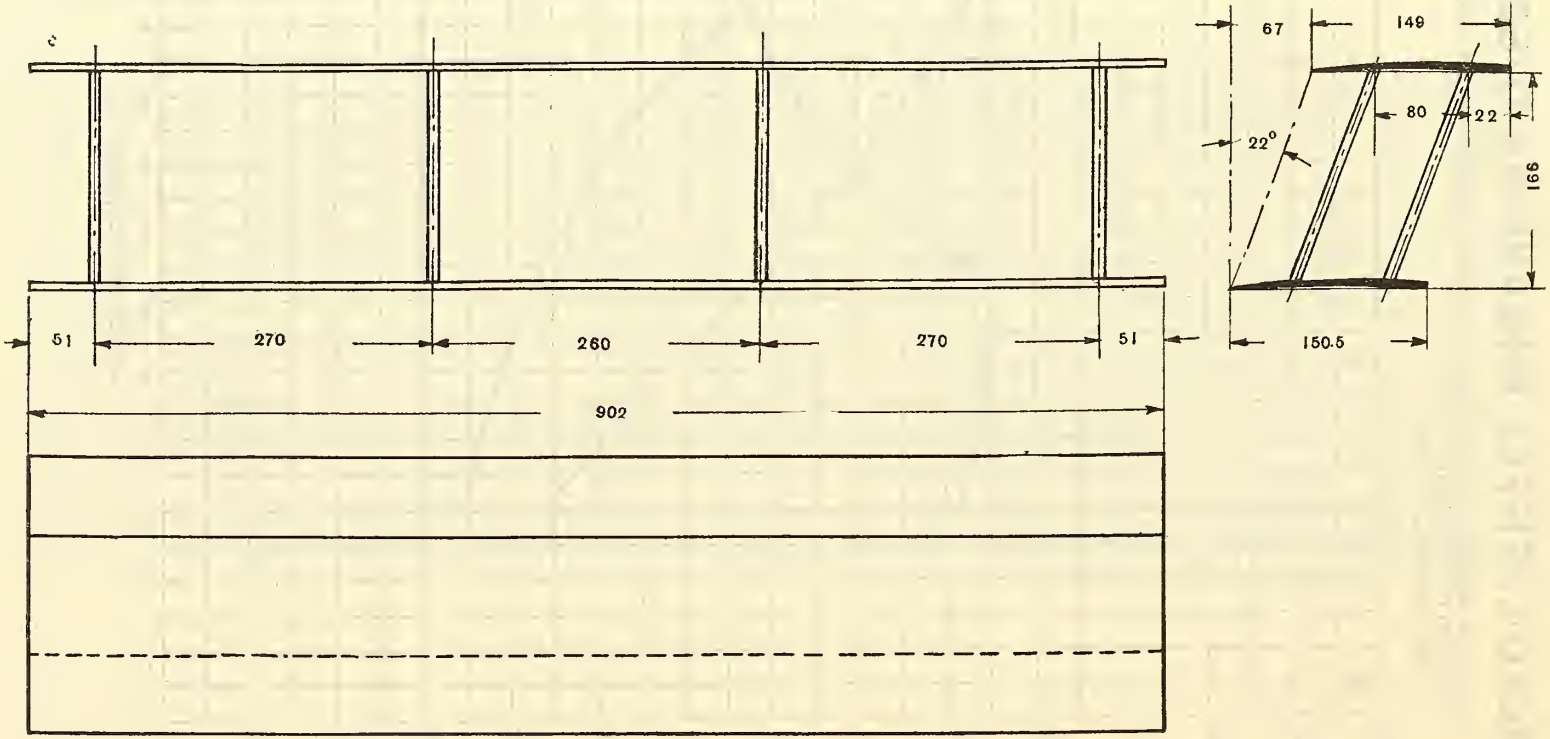
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB10 (SOPWITH).

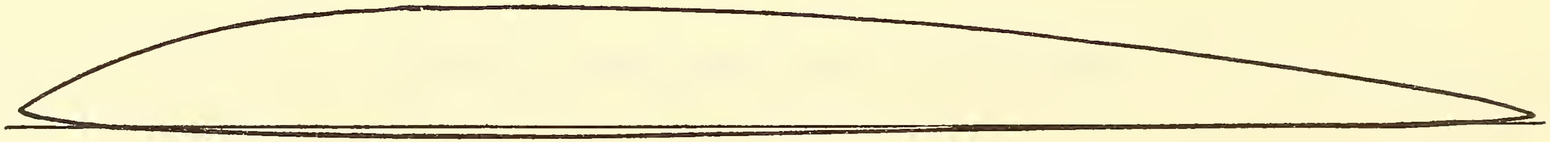
SIZE OF MODEL, UPPER, 902 BY 149 MM; LOWER, 902 BY 150.5 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



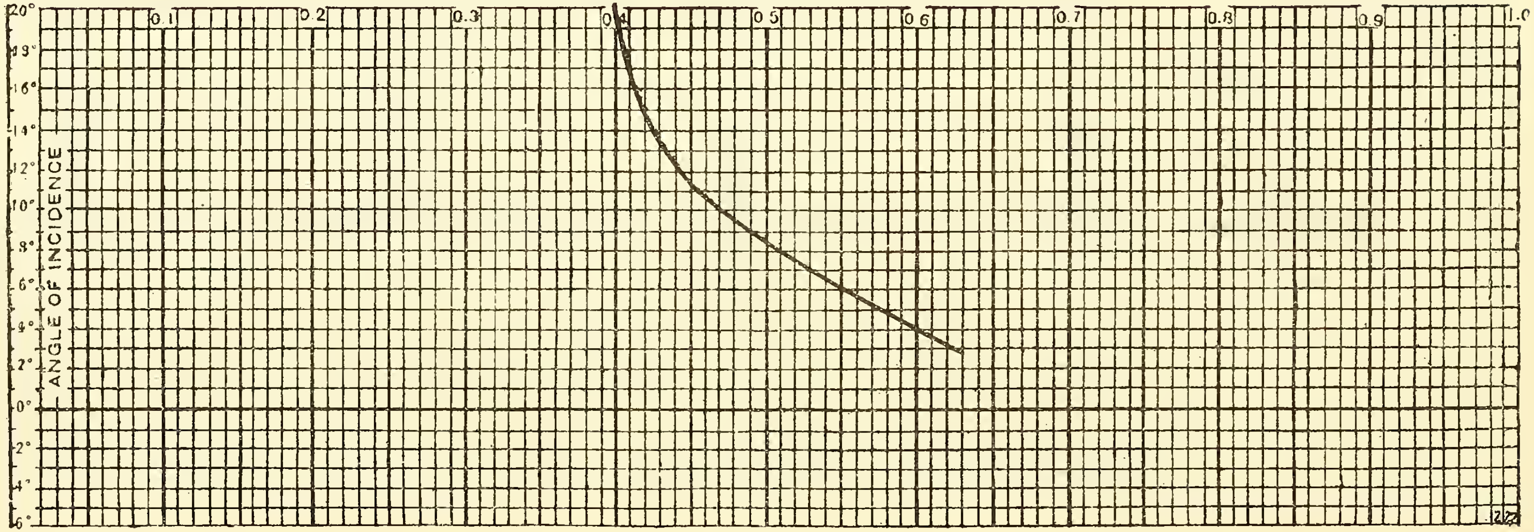
EIFFEL BIPLANE RB10 (SOPWITH).



AEROFOIL, EIFFEL BIPLANE RB11 (PORTHOLME).



CURVE OF CENTER OF PRESSURE TRAVEL



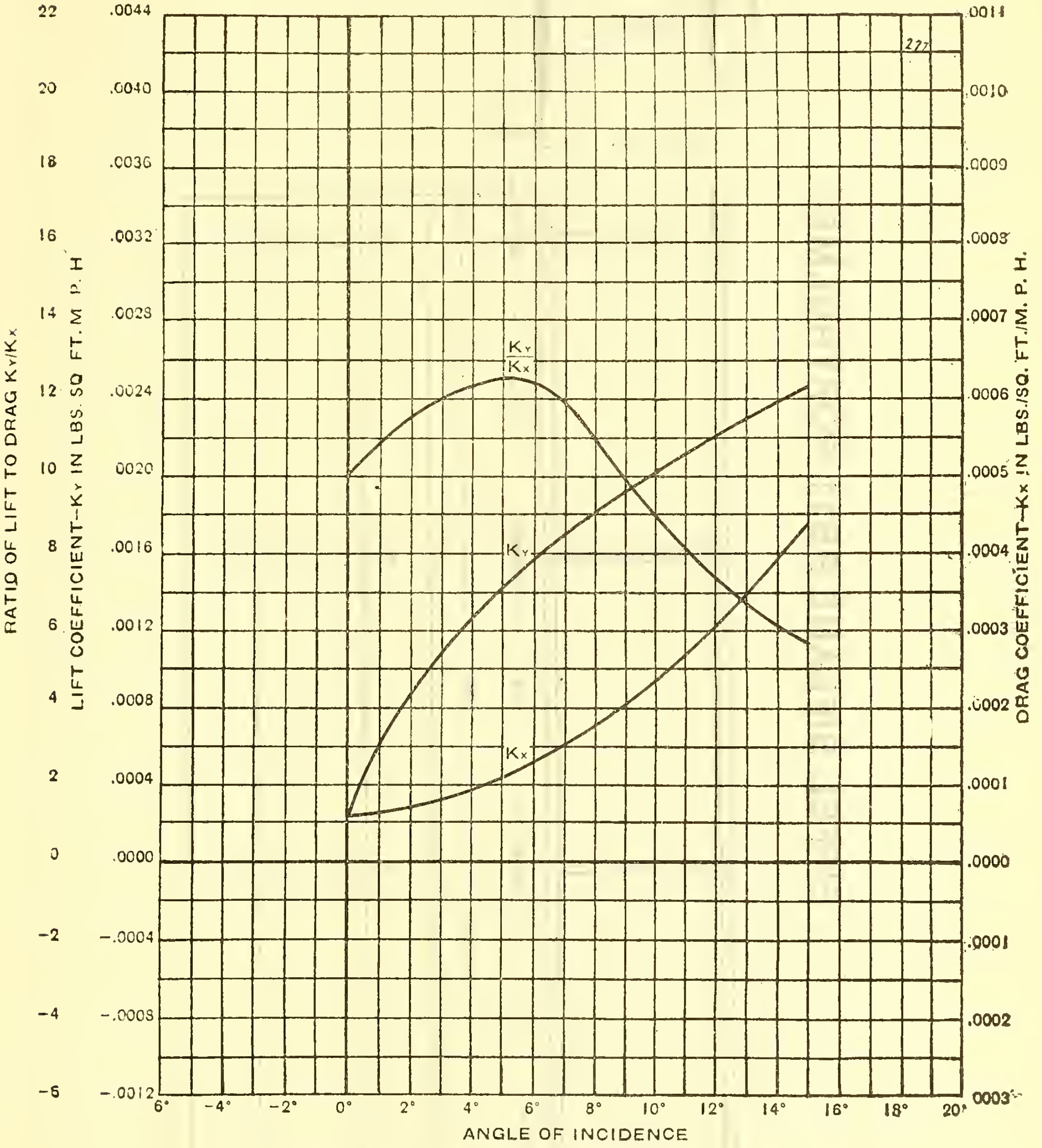
UPPER AND LOWER PLANE.

Distance from leading edge	0	.025	.063	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	.97	1.00
Upper camber	.01	.03	.018	.058	.067	.072	.075	.073	.07	.063	.055	.043	.027	.012	.002
Lower camber	.01	.001	0	–.001	–.002	–.0027	–.0035	–.003	–.0025	–.002	–.001	0	0	0	.002

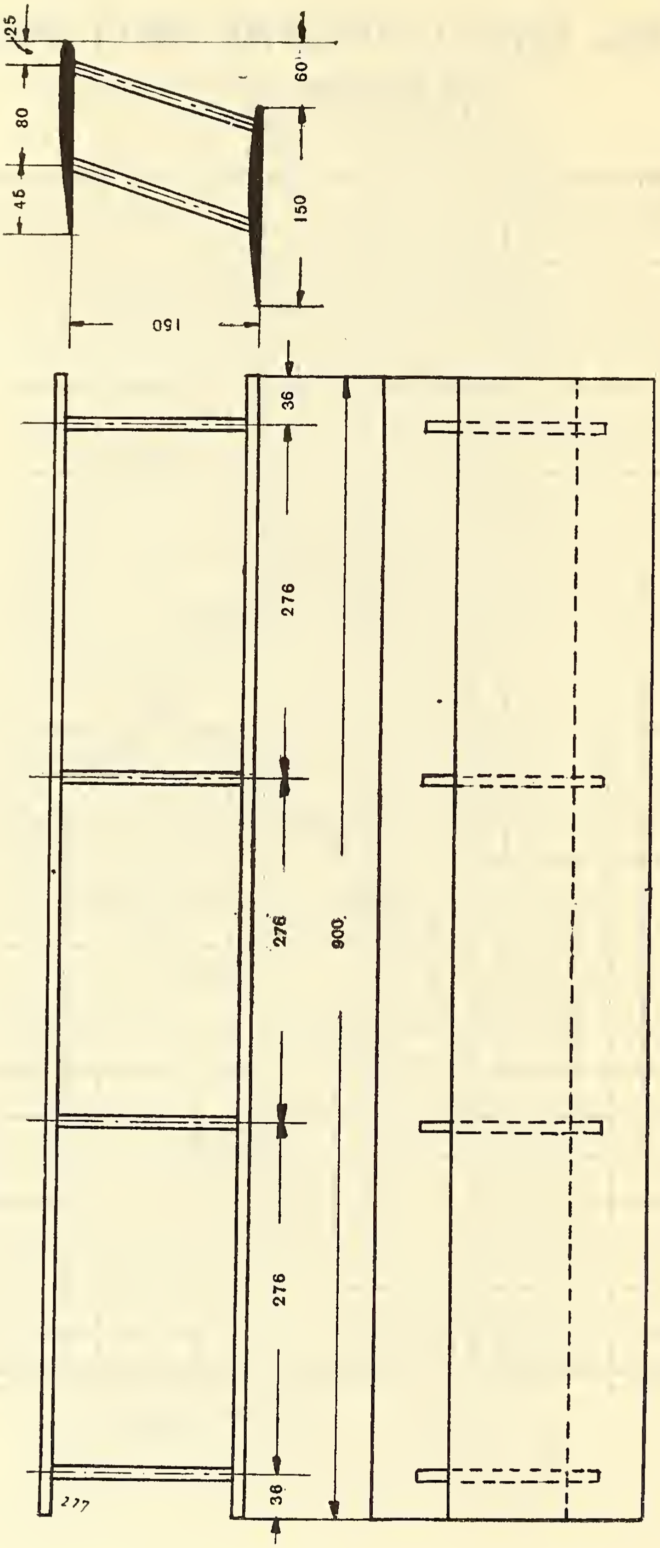
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB11 (PORTHOLME).

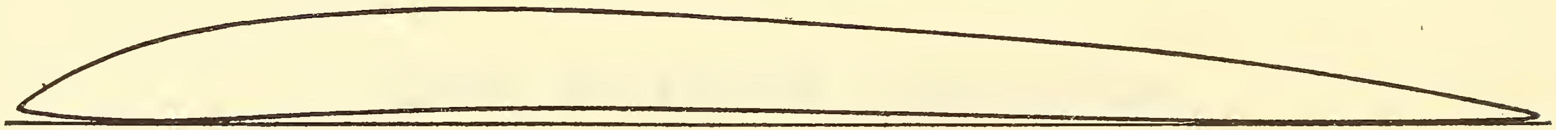
SIZE OF MODEL, 900 BY 150 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



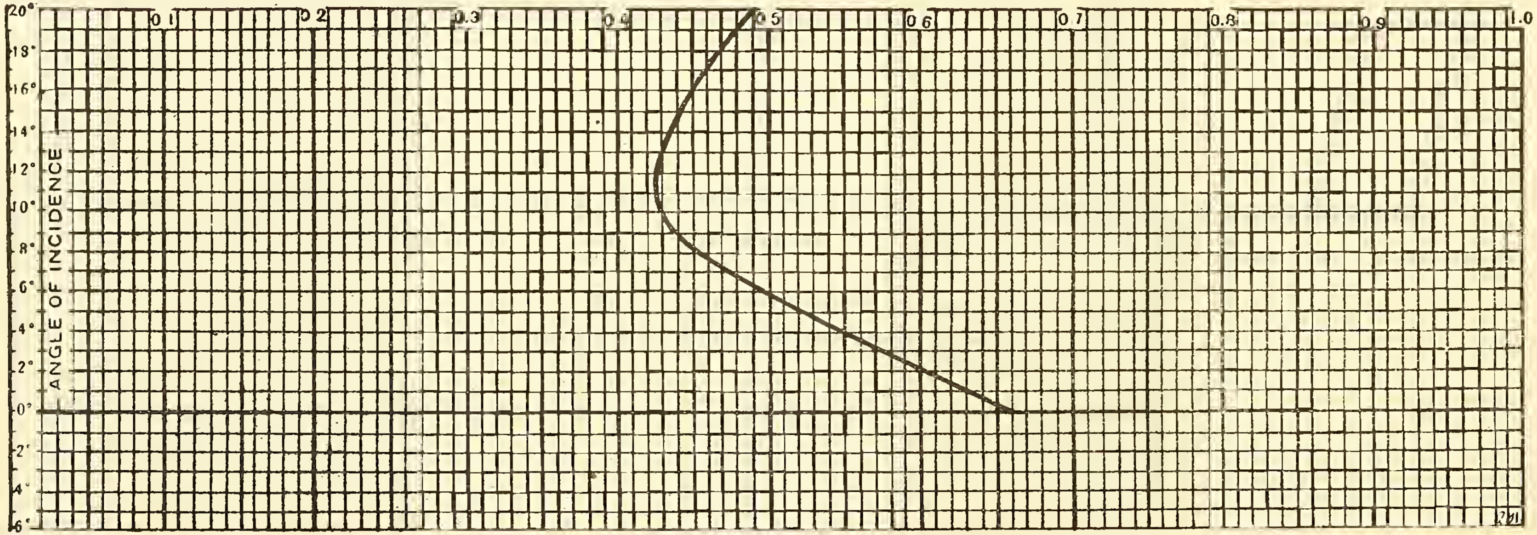
EIFFEL BIPLANE RB11 (PORTHOLME).



AEROFOIL, EIFFEL BIPLANE RB12 (Z-9 No. 1).



CURVE OF CENTER OF PRESSURE TRAVEL.



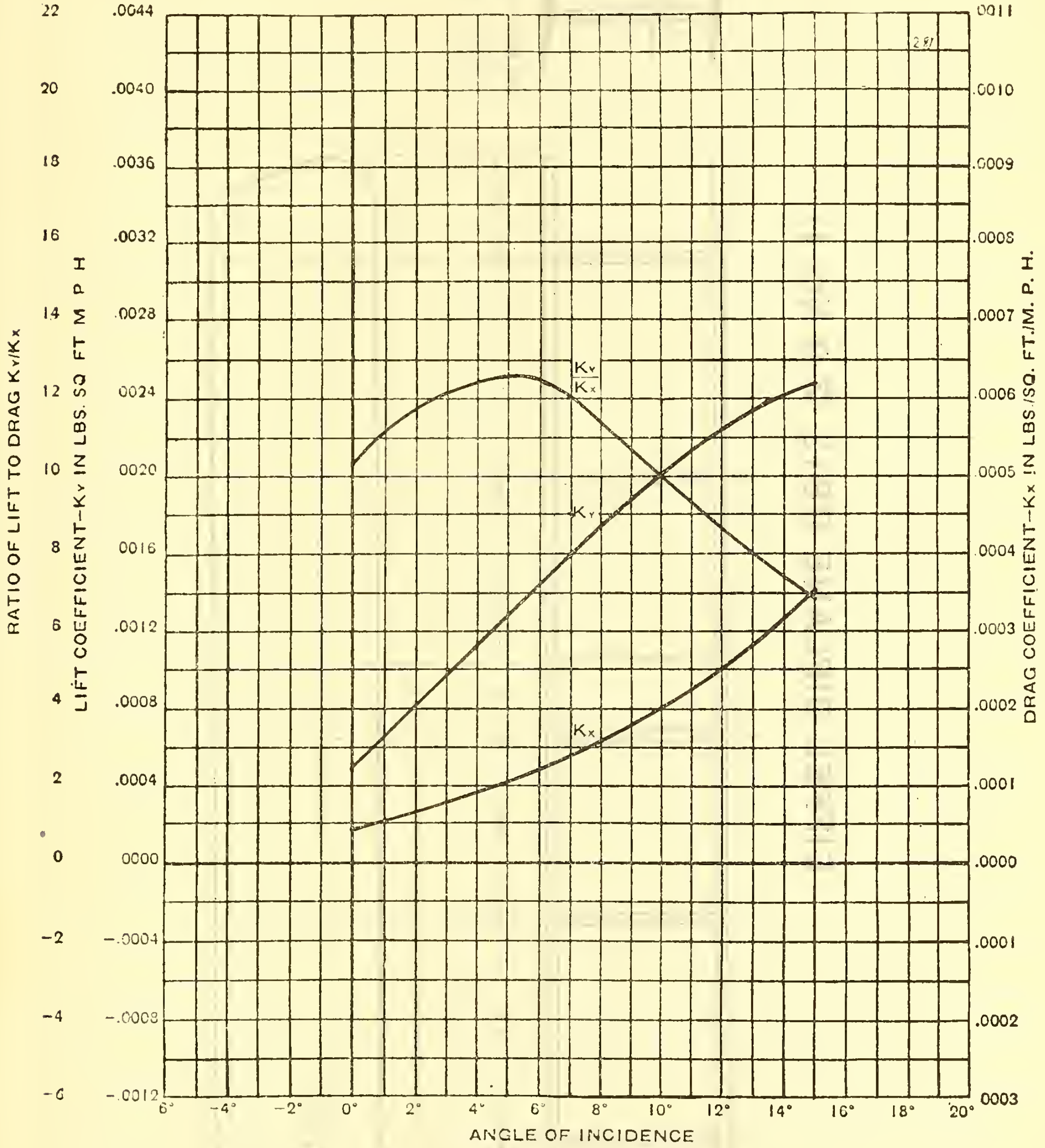
UPPER AND LOWER PLANE.

Distance from leading edge	0	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	.973	1.00
Upper camber	.01	.0413	.051	.058	.066	.071	.073	.071	.069	.0635	.054	.0429	.0303	.014	.002
Lower camber	.01	.003	0	.001	.004	.007	.01	.009	.007	.0035	.001	.0009	.0003	0	.002

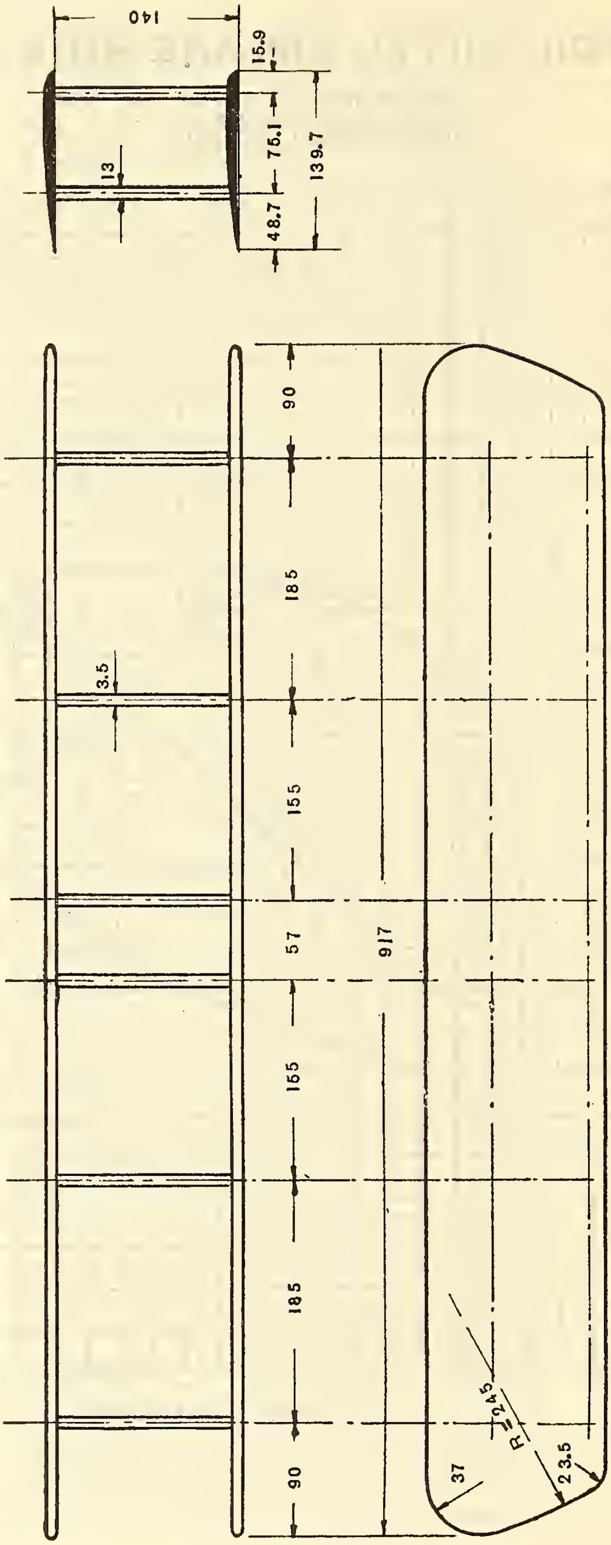
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB12 (Z-9 No. 1).

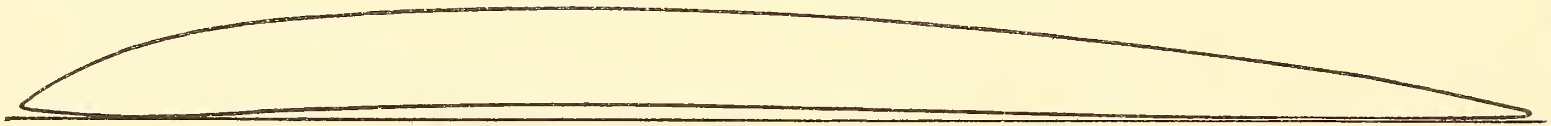
SIZE OF MODEL, 917 BY 139.7 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



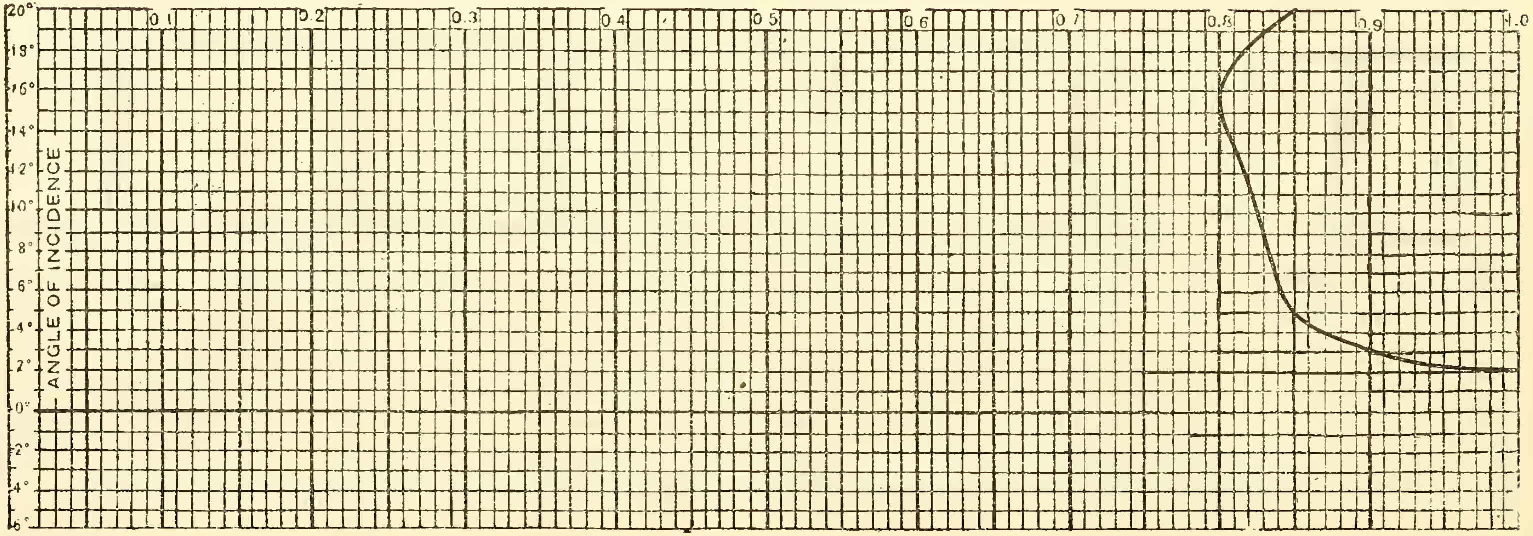
EIFFEL BIPLANE RB12 (Z-9 No. 1).



AEROFOIL, EIFFEL BIPLANE RB13 (Z-9 No. 2).



CURVE OF CENTER OF PRESSURE TRAVEL



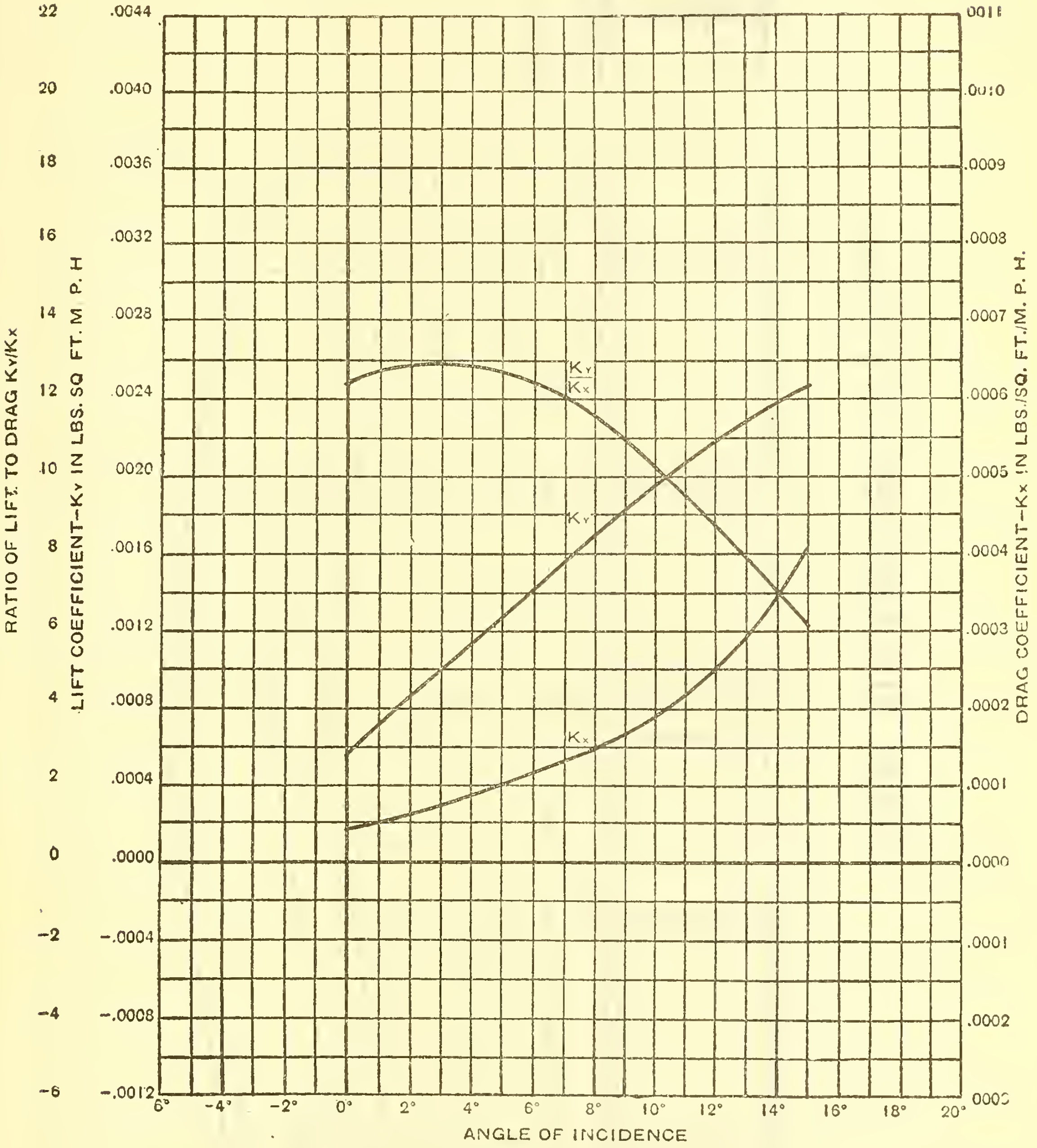
UPPER AND LOWER PLANE.

Distance from leading edge	0	.05	.075	.10	.15	.20	.30	.40	.50	.60	.70	.80	.90	.975	1.00
Upper camber	.01	.0413	.051	.058	.066	.071	.073	.071	.069	.0635	.054	.0429	.0303	.014	.002
Lower camber	.01	.003	0	.001	.004	.007	.01	.009	.007	.0035	.001	.0009	.0003	0	.002

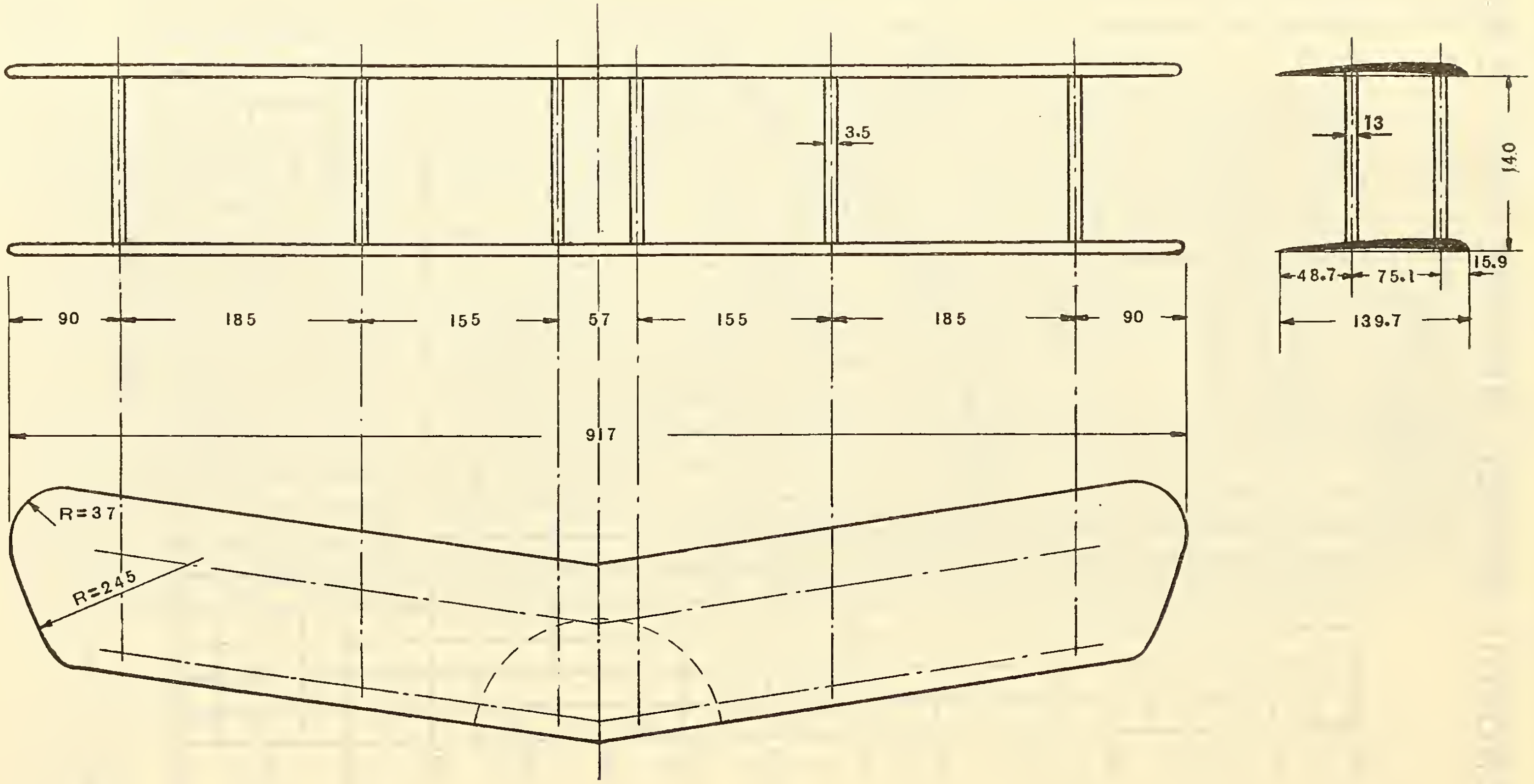
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB13 (Z-9 No. 2).

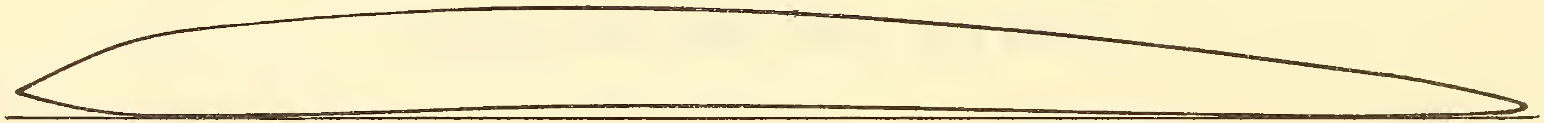
SIZE OF MODEL, 917 BY 139.7 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.

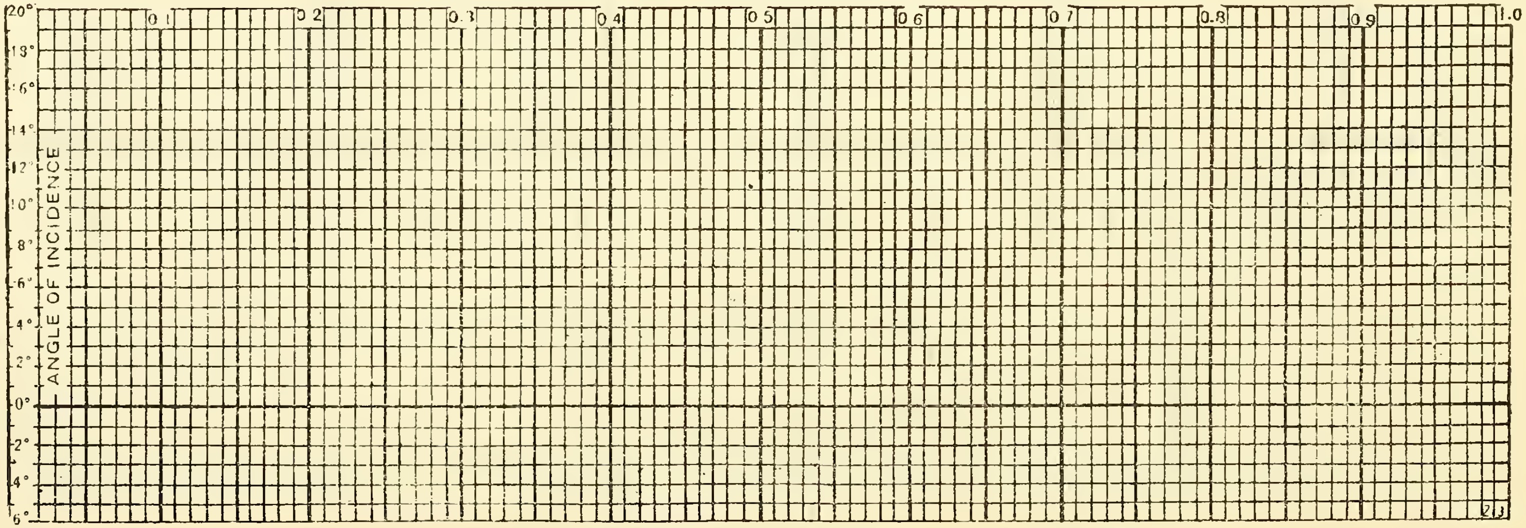


EIFFEL BIPLANE RB13 (Z-9 No. 2)



AEROFOIL, EIFFEL BIPLANE RB14 (Z-9, No. 3).




CURVE OF CENTER OF PRESSURE TRAVEL

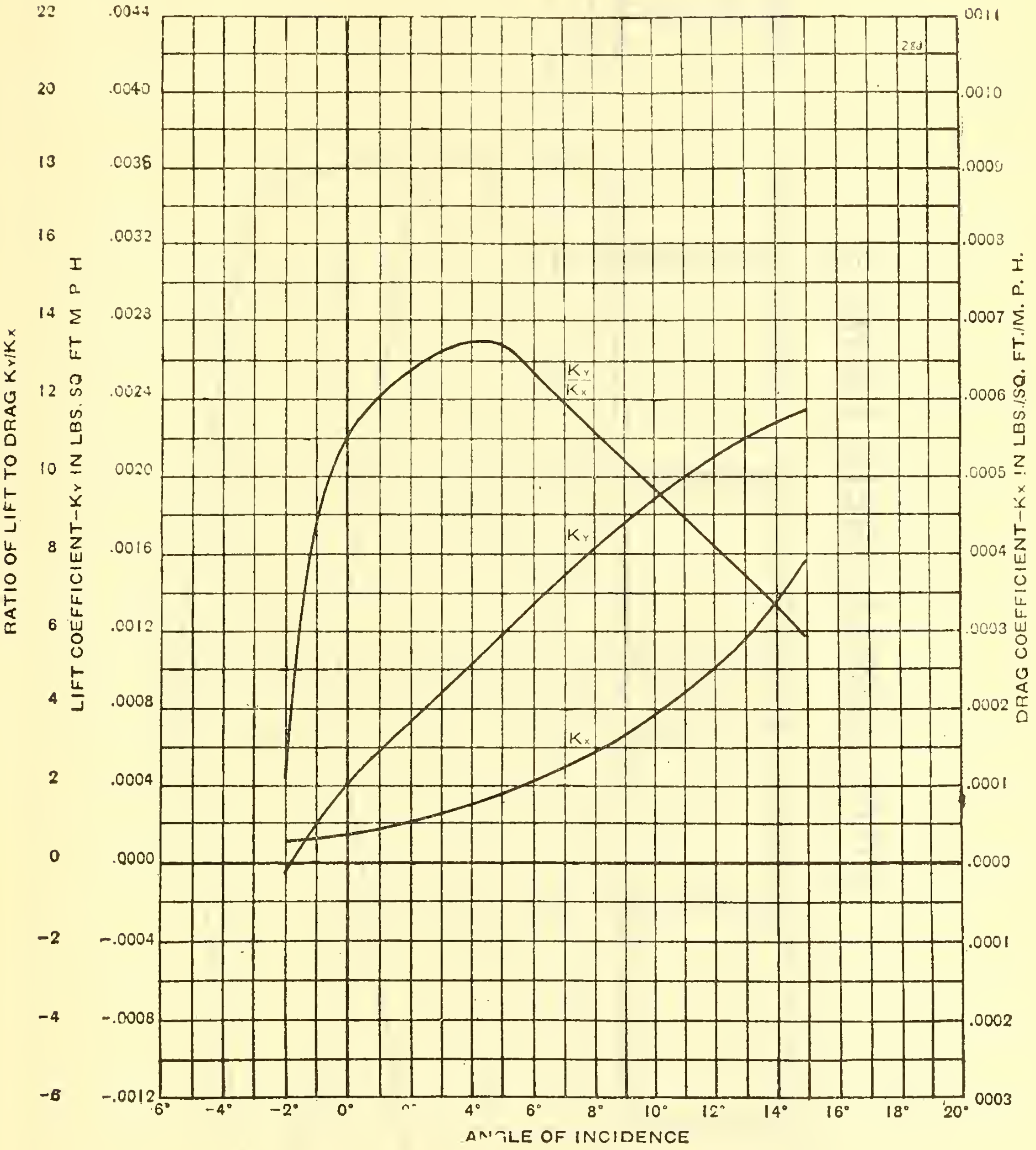
UPPER AND LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.015	.049	.06	.063	.072	.071	.067	.063	.053	.044	.031	.006
Lower camber	.015	.002	0	.003	.008	.009	.007	.005	.003	0	.003	.006

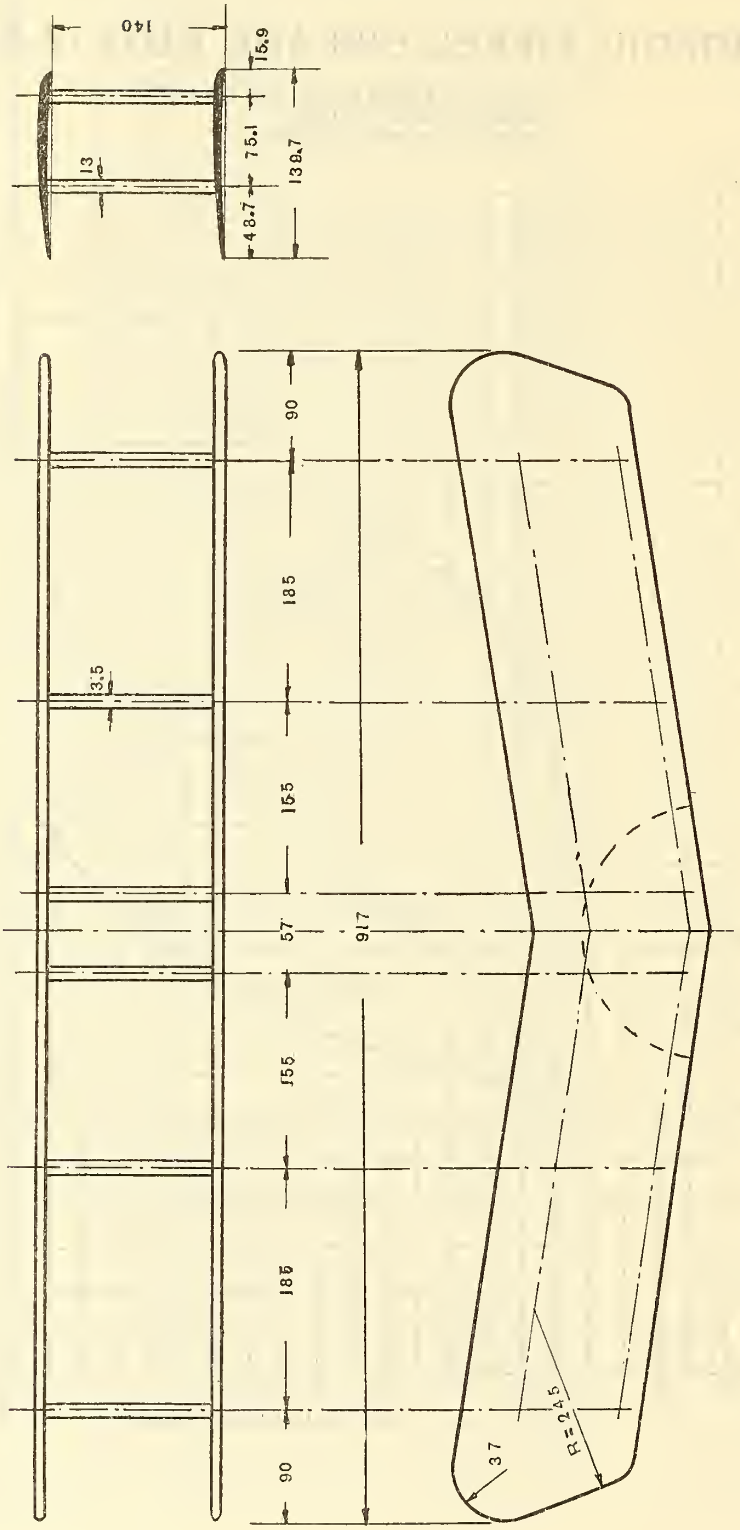
All dimensions given as decimal parts of chord.

AEROFOIL, EIFFEL BIPLANE RB14 (Z-9 No. 3).

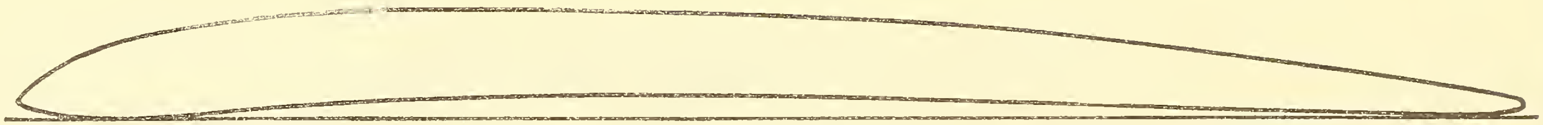
SIZE OF MODEL, 917 BY 139.7 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



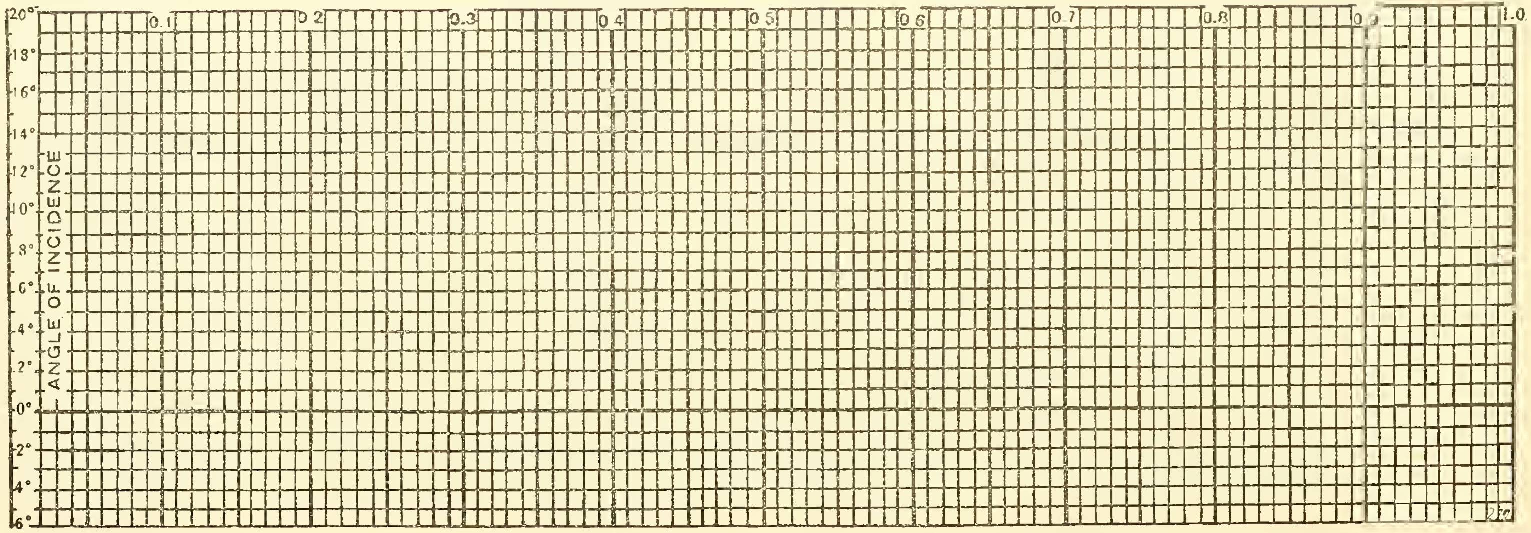
EIFFEL BIPLANE RBI4 (Z-9 No. 3).



AEROFOIL, RENAULT BIPLANE No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL



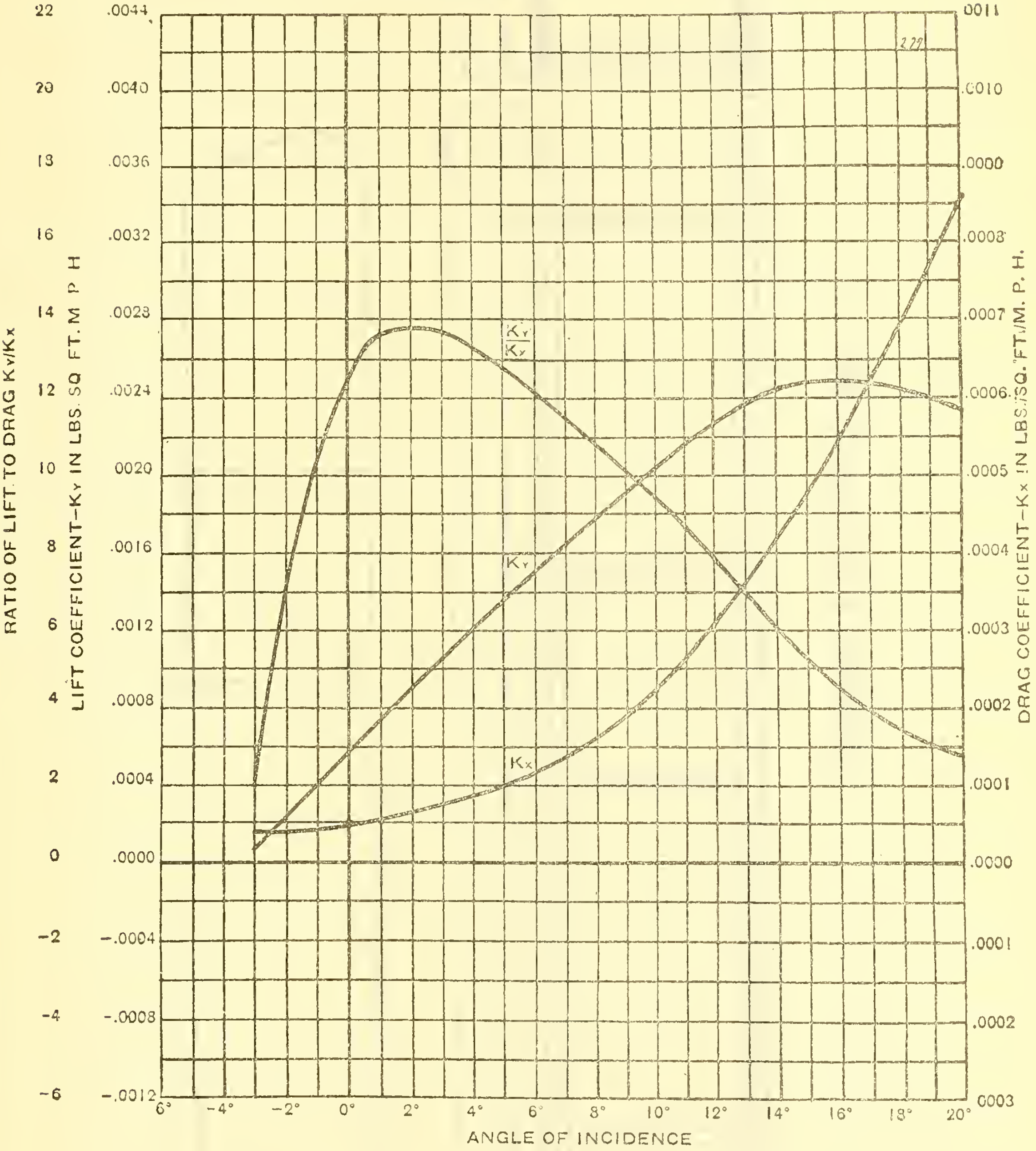
UPPER AND LOWER PLANE.

Distance from leading edge	0	.025	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.016	.04	.049	.061	.069	.072	.072	.069	.063	.056	.046	.036	.01
Lower camber	.016	.003	0	.003	.01	.013	.015	.014	.012	.01	.007	.003	.004

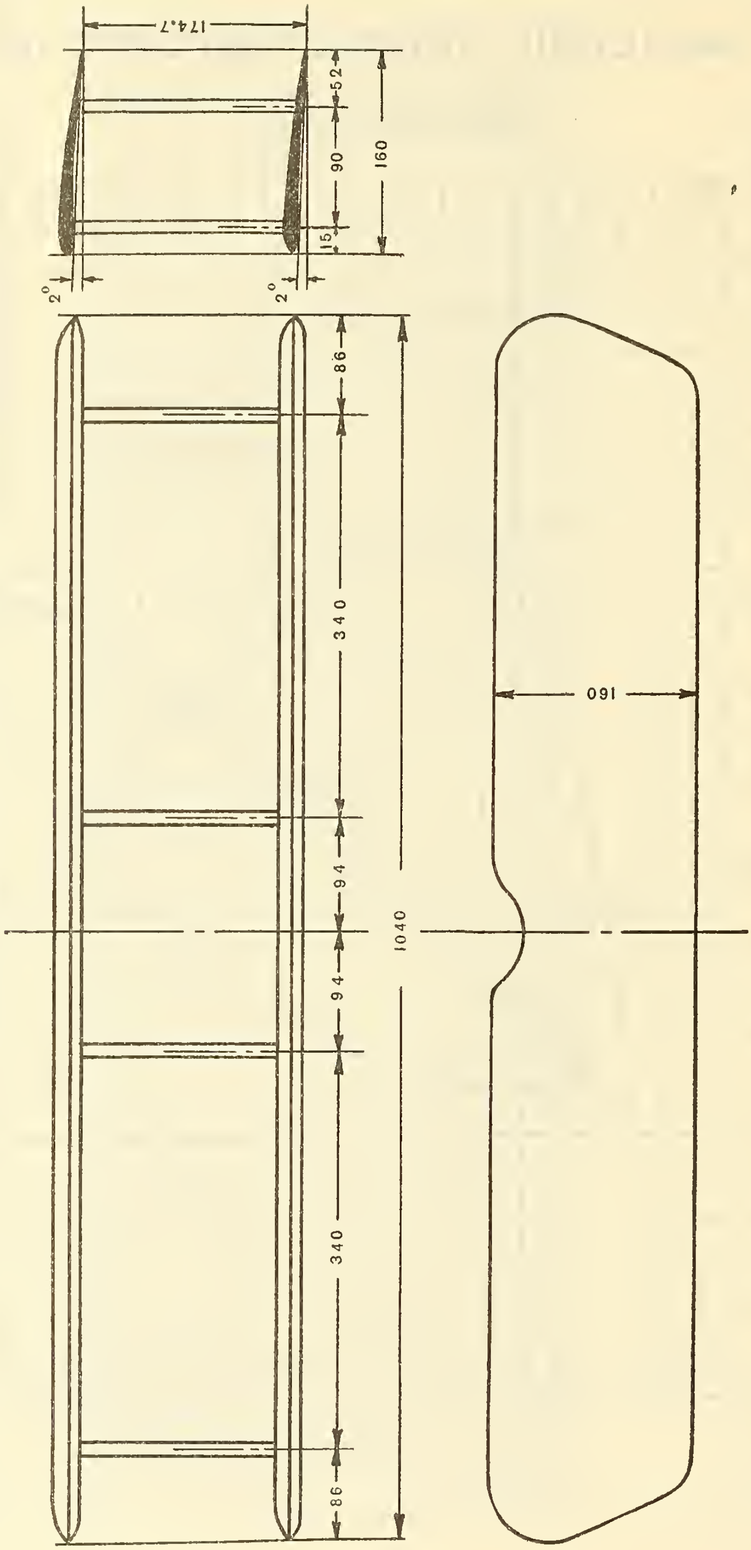
All dimensions given as decimal parts of chord.

AEROFOIL, RENAULT BIPLANE No. 2.

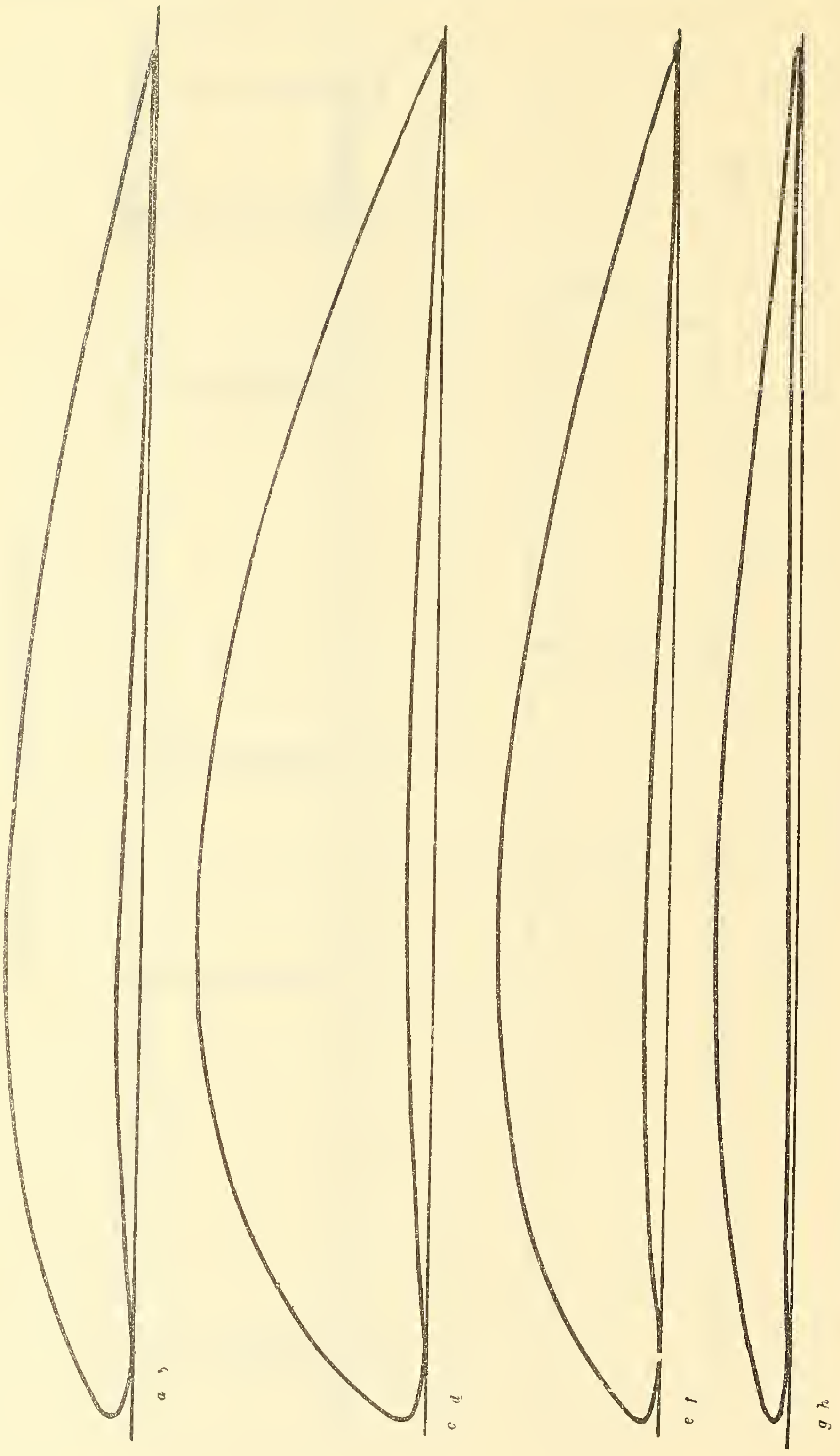
SIZE OF MODEL, 1040 BY 160 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



RENAULT BIPLANE NO. 2.

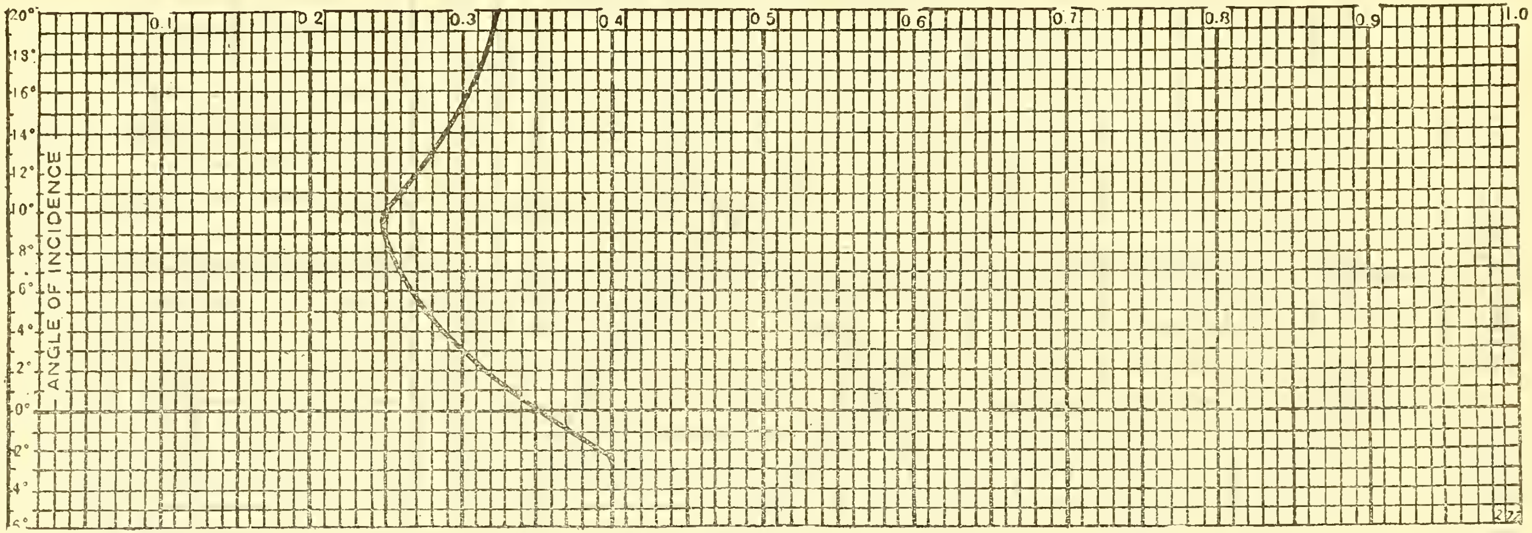


AEROFOIL, HENRI-PAUL BIPLANE No. 1.



AEROFOIL, HENRI-PAUL BIPLANE No. 1.

CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

	Section *a–b.*												Section *c–d.*											
Distance from leading edge.........	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber.....................	.013	.044	.063	.088	.098	.093	.086	.077	.062	.046	.025	0	.013	.087	.127	.168	.185	.186	.176	.157	.126	.09	.048	0
Lower camber.....................	.013	0	.003	.008	.011	.01	.009	.007	.006	.004	.003	0	.013	0	.007	.013	.015	.013	.013	.011	.009	.007	.005	0

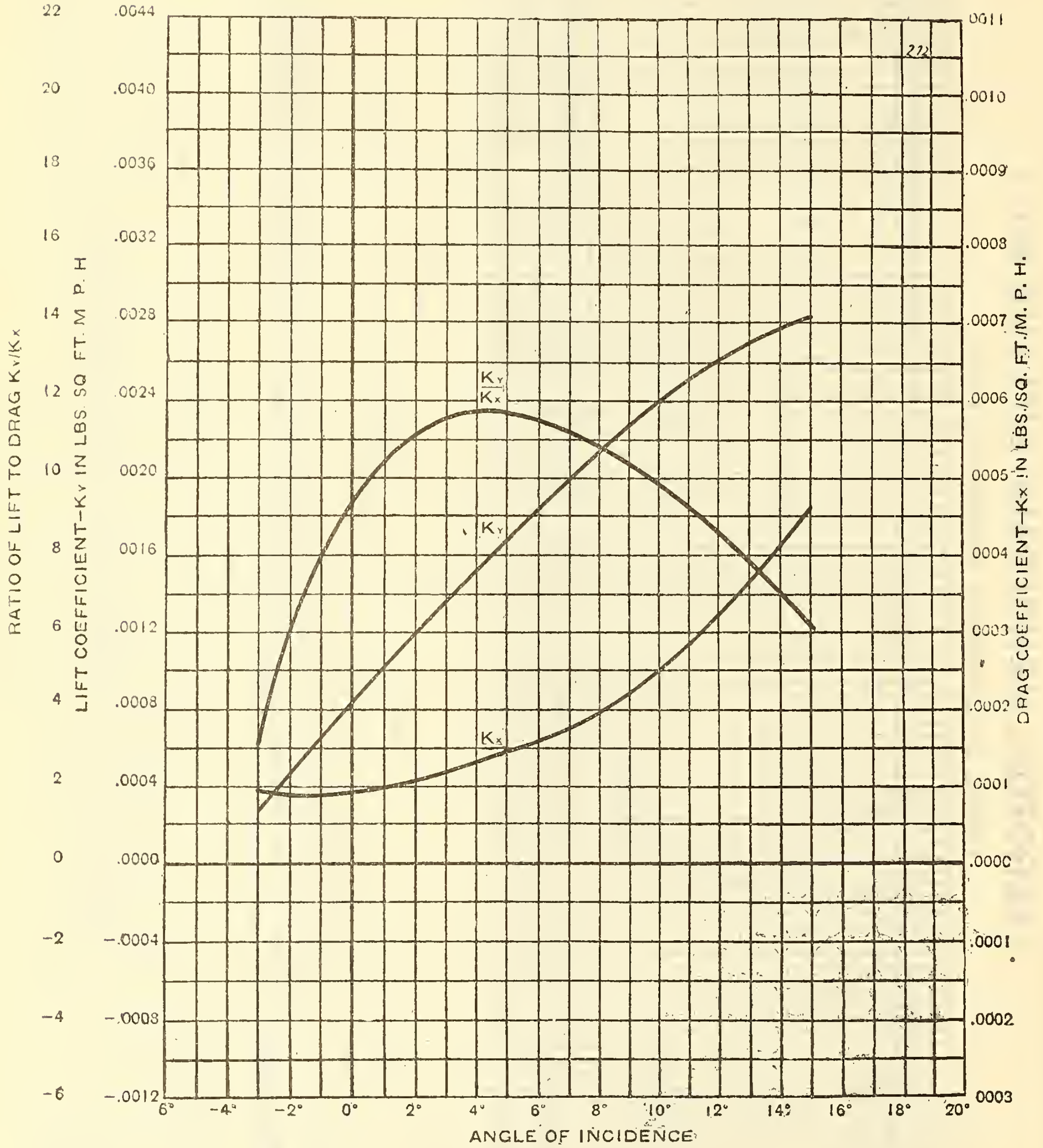
LOWER PLANE.

	Section *e–f.*												Section *g–h.*											
Distance from leading edge.........	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber.....................	.012	.054	.085	.11	.122	.122	.113	.096	.08	.058	.031	0	.008	.029	.043	.057	.062	.062	.056	.048	.041	.034	.019	0
Lower camber.....................	.012	0	.005	.01	.012	.012	.01	.008	.006	.005	.003	0	.008	0	.01	.004	.007	.007	.006	.005	.005	.004	.003	0

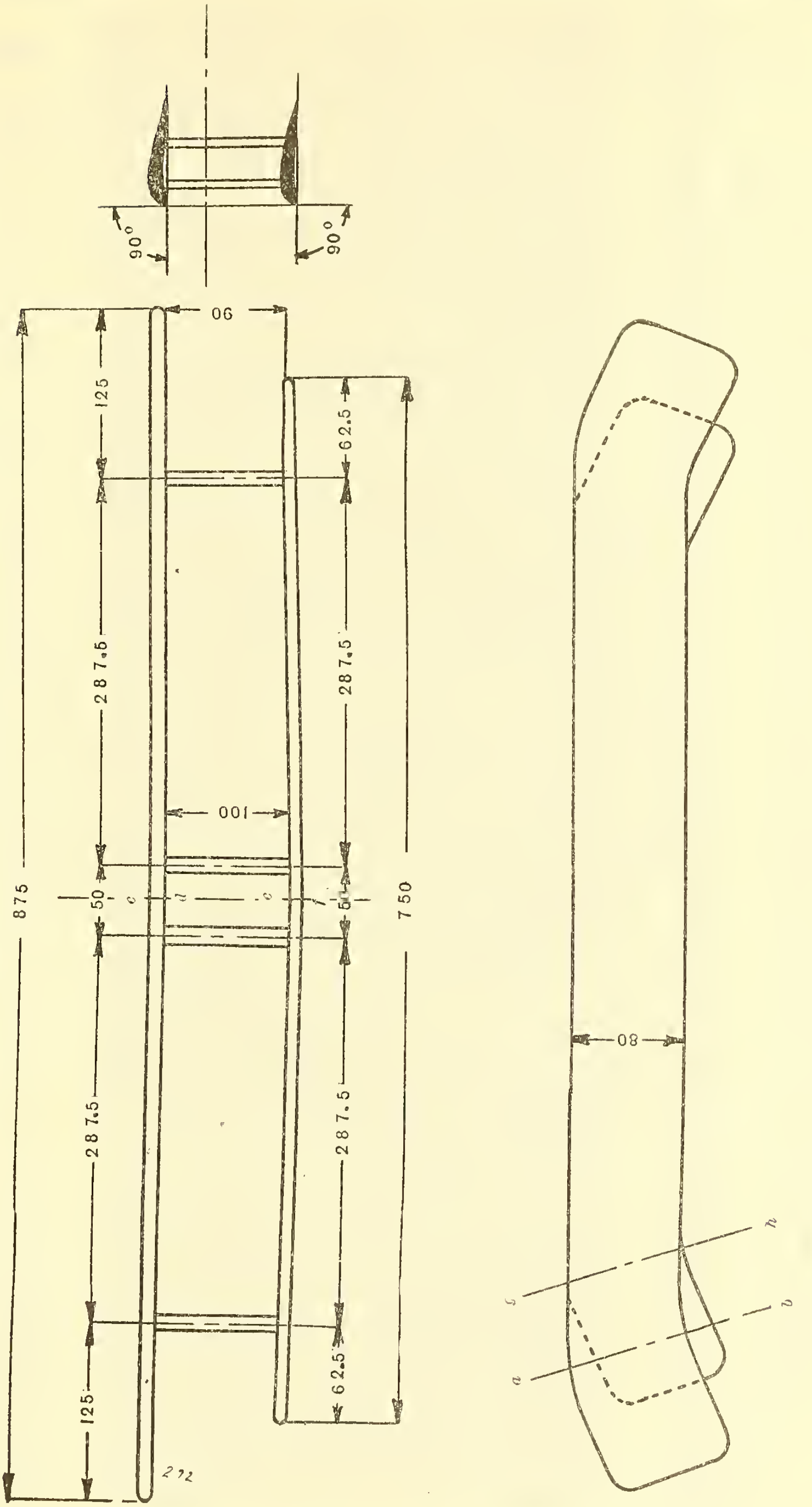
All dimensions given as decimal parts of chord

AEROFOIL, HENRI-PAUL BIPLANE No. 1.

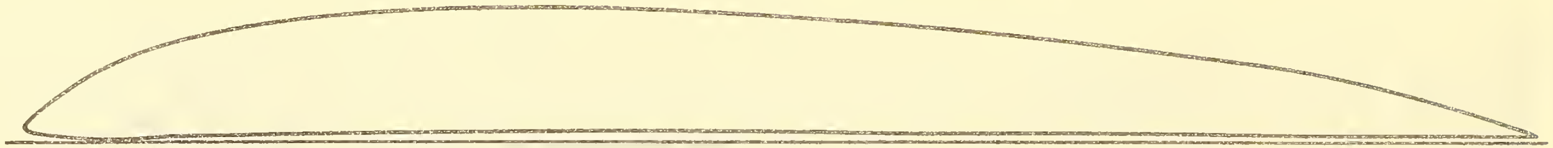
SIZE OF MODEL, UPPER, 875 BY 80 MM.; LOWER, 750 BY 80 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



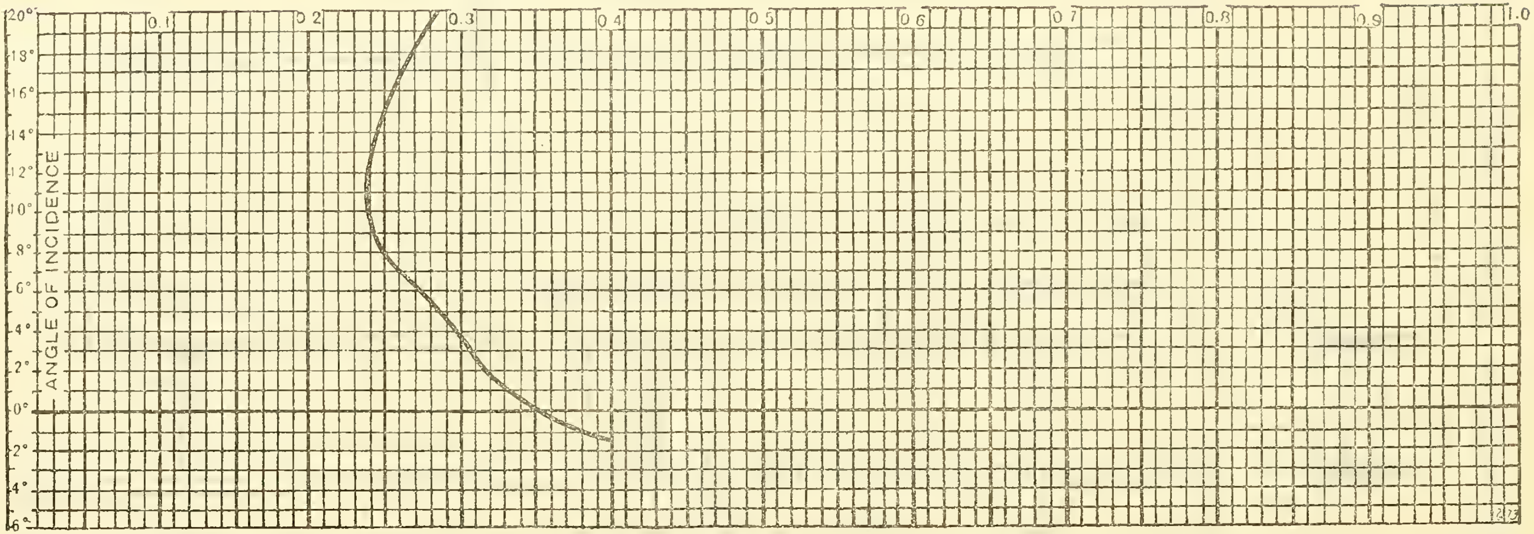
HENRI-PAUL BIPLANE No. 1.



AEROFOIL, HENRI-PAUL BIPLANE No. 2.



CURVE OF CENTER OF PRESSURE TRAVEL



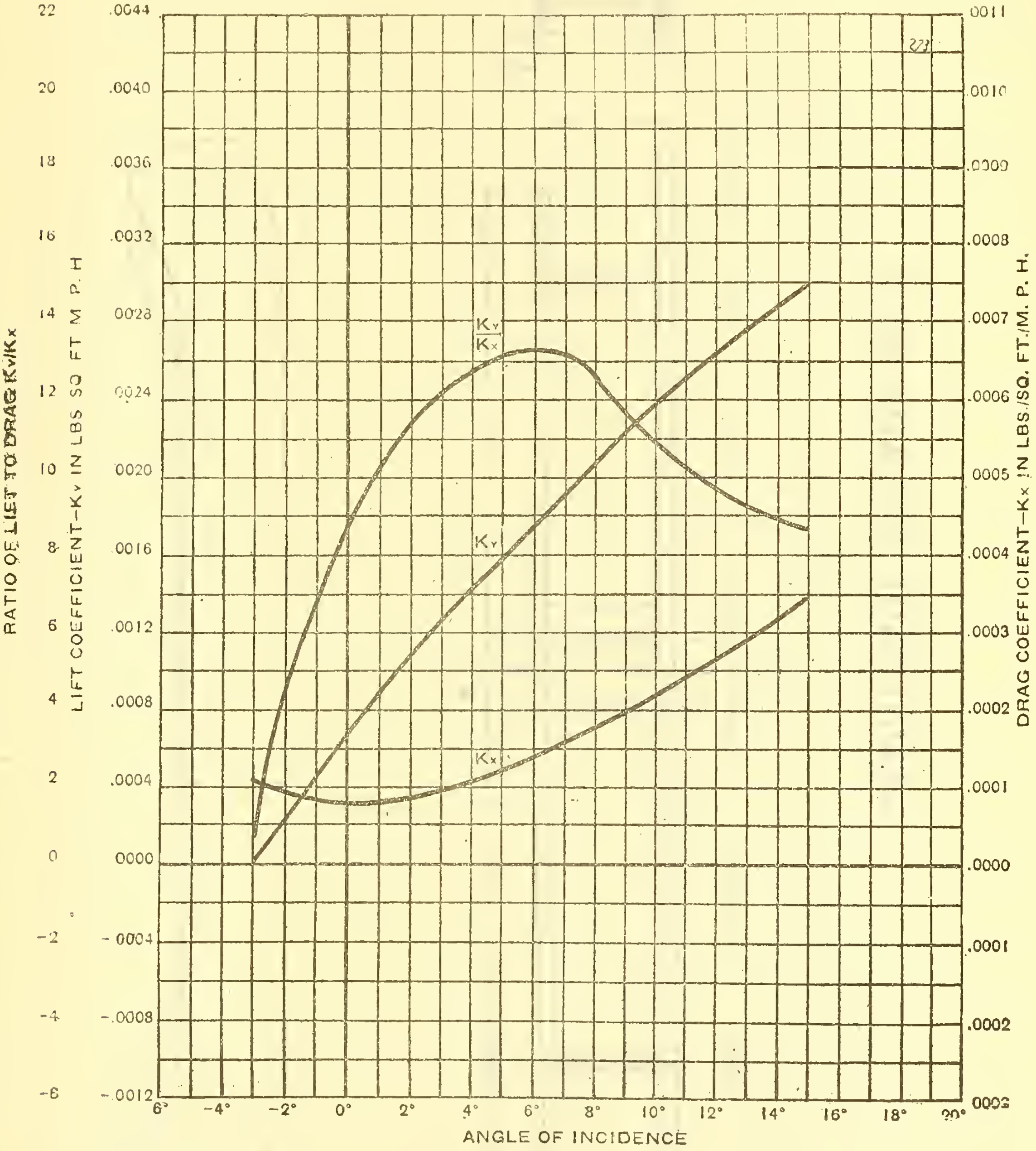
UPPER AND LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.05	.069	.083	.088	.088	.08	.072	.063	.053	.034	0
Lower camber	.01	0	.003	.005	.008	.008	.007	.006	.005	.004	.003	0

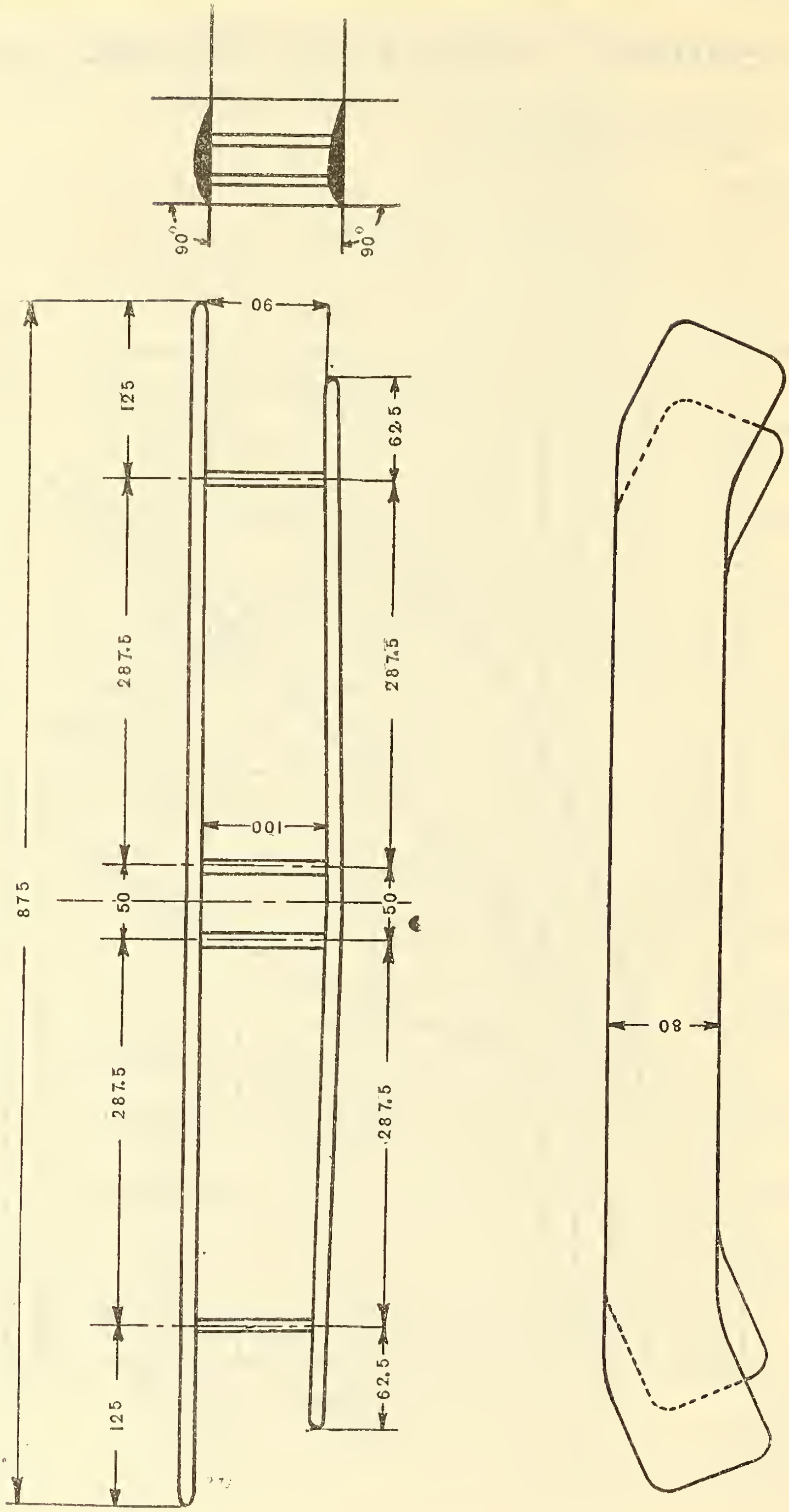
All dimensions given as decimal parts of chord.

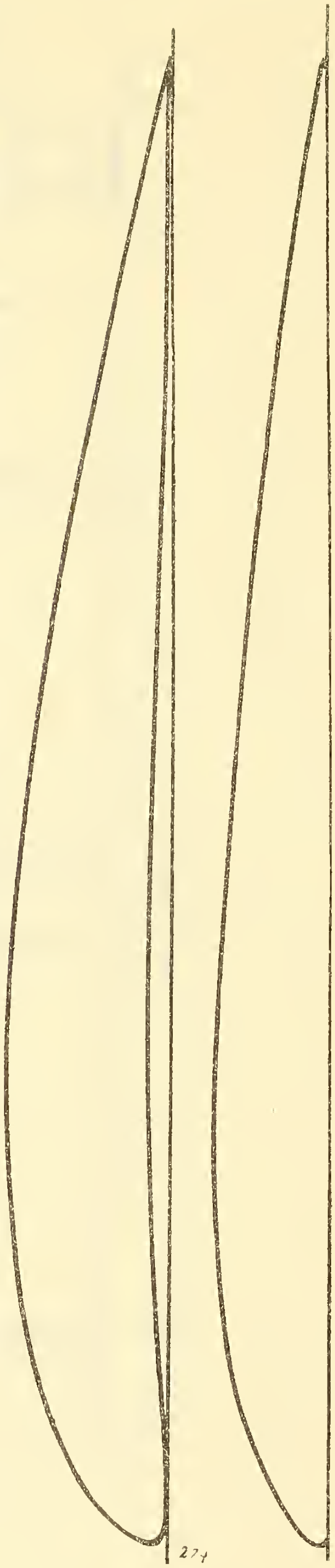
AEROFOIL, HENRI-PAUL BIPLANE No. 2.

SIZE OF MODEL, UPPER, 875 BY 80 MM.; LOWER, 750 BY 80 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



HENRI-PAUL BIPLANE No. 2.

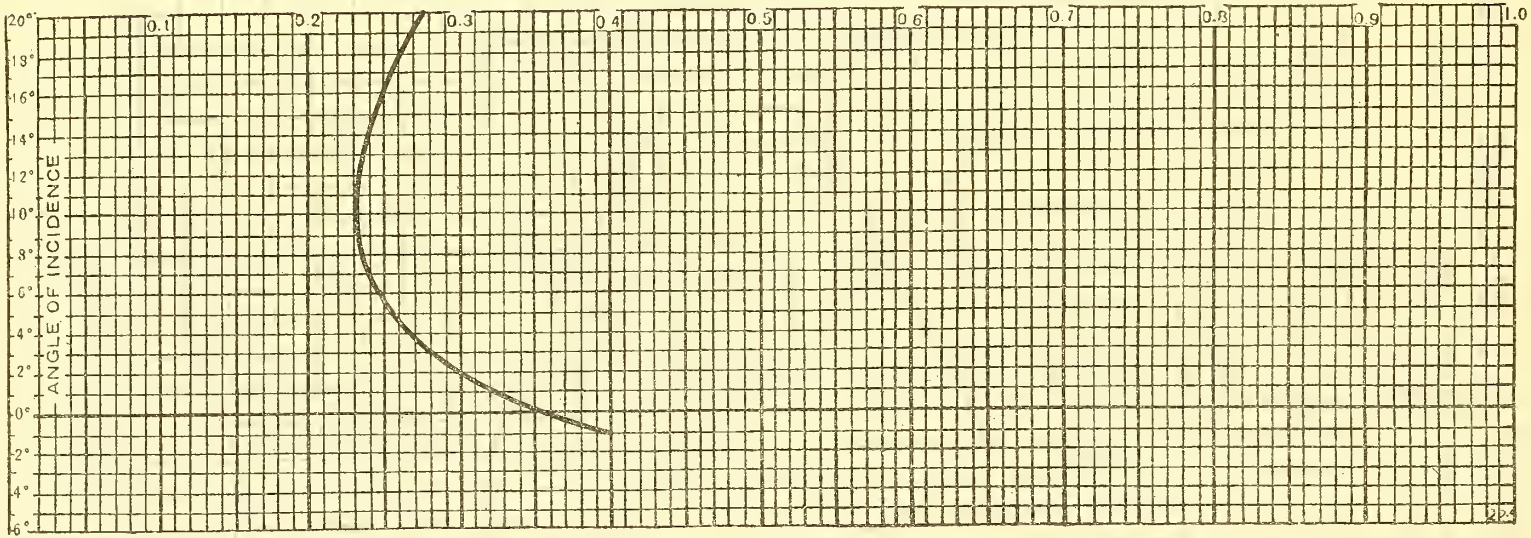




AEROFOIL, HENRI-PAUL BIPLANE No. 3.

AEROFOIL, HENRI-PAUL BIPLANE NO. 3.

CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.062	.081	.106	.112	.108	.096	.082	.066	.05	.026	0
Lower camber	.01	.003	.008	.016	.018	.016	.013	.011	.009	.006	.003	0

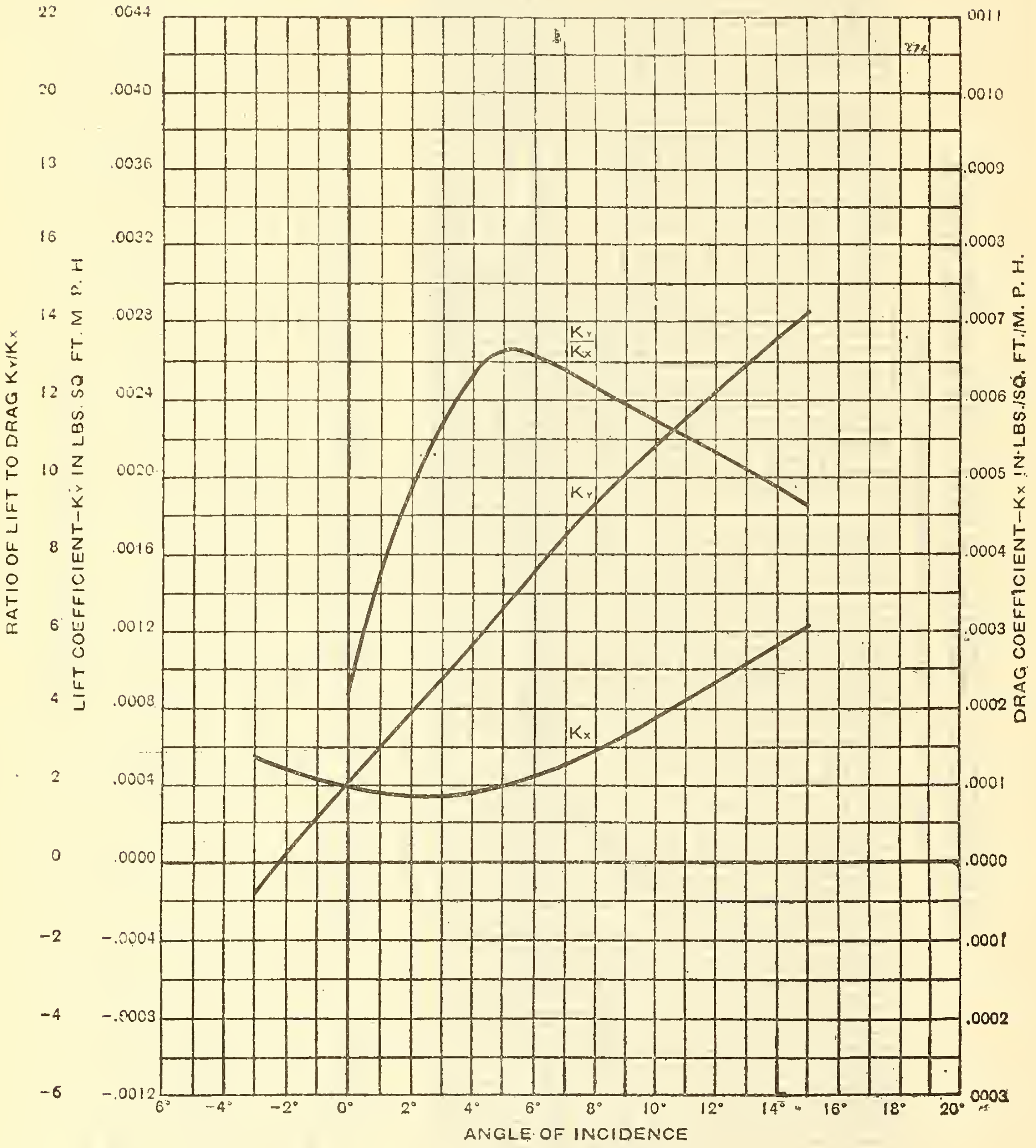
LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.01	.045	.063	.077	.08	.077	.07	.063	.053	.04	.025	0
Lower camber	0	0	0	0	0	0	0	0	0	0	0	0

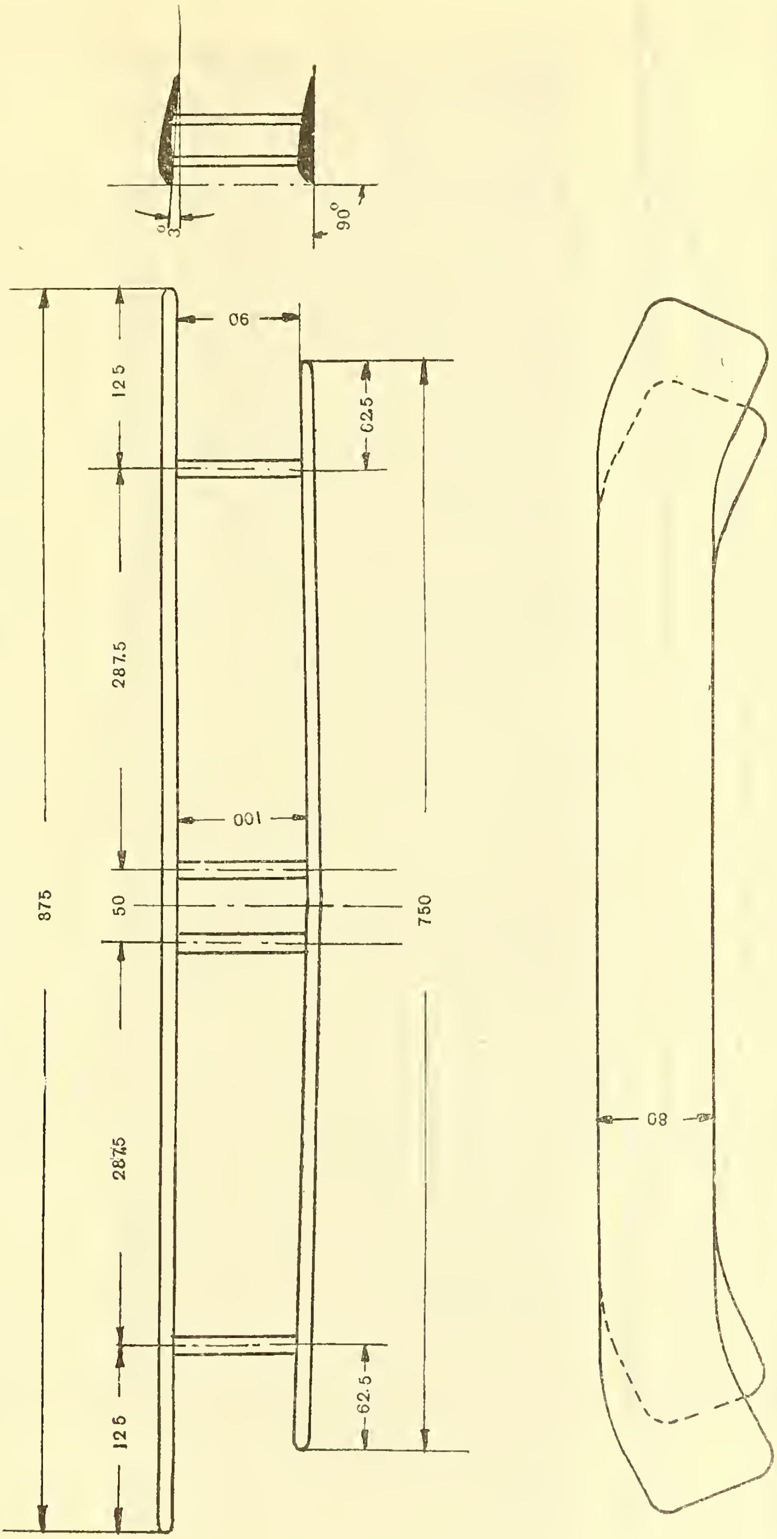
All dimensions given as decimal parts of chord.

AEROFOIL, HENRI-PAUL BIPLANE No. 3.

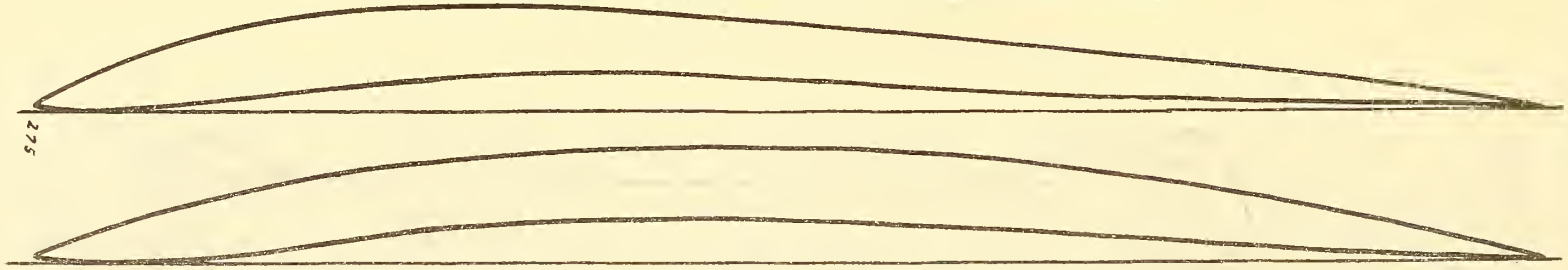
SIZE OF MODEL, UPPER, 875 BY 80 MM.; LOWER, 750 BY 80 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, EIFFEL.



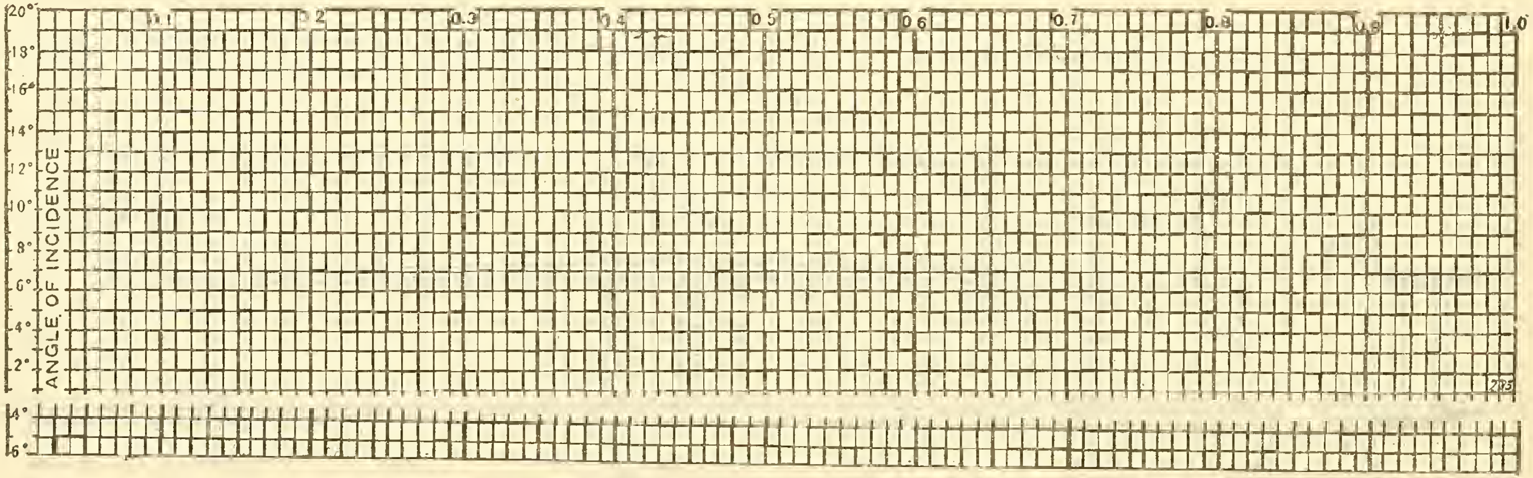
HENRI-PAUL BIPLANE No. 3.



AEROFOIL, ITALIAN BIPLANE No. 390.



CURVE OF CENTER OF PRESSURE TRAVEL



UPPER PLANE.

Distance from leading edge	0	.026	.053	.105	.21	.315	.42	.58	.79	1.00
Upper camber	.006	....	.032	.0455	.068	.063	.0605	.0475	.027	0
Lower camber	.006	6	.0001	.005	.0158	.0248	.0242	.0158	.0071	0

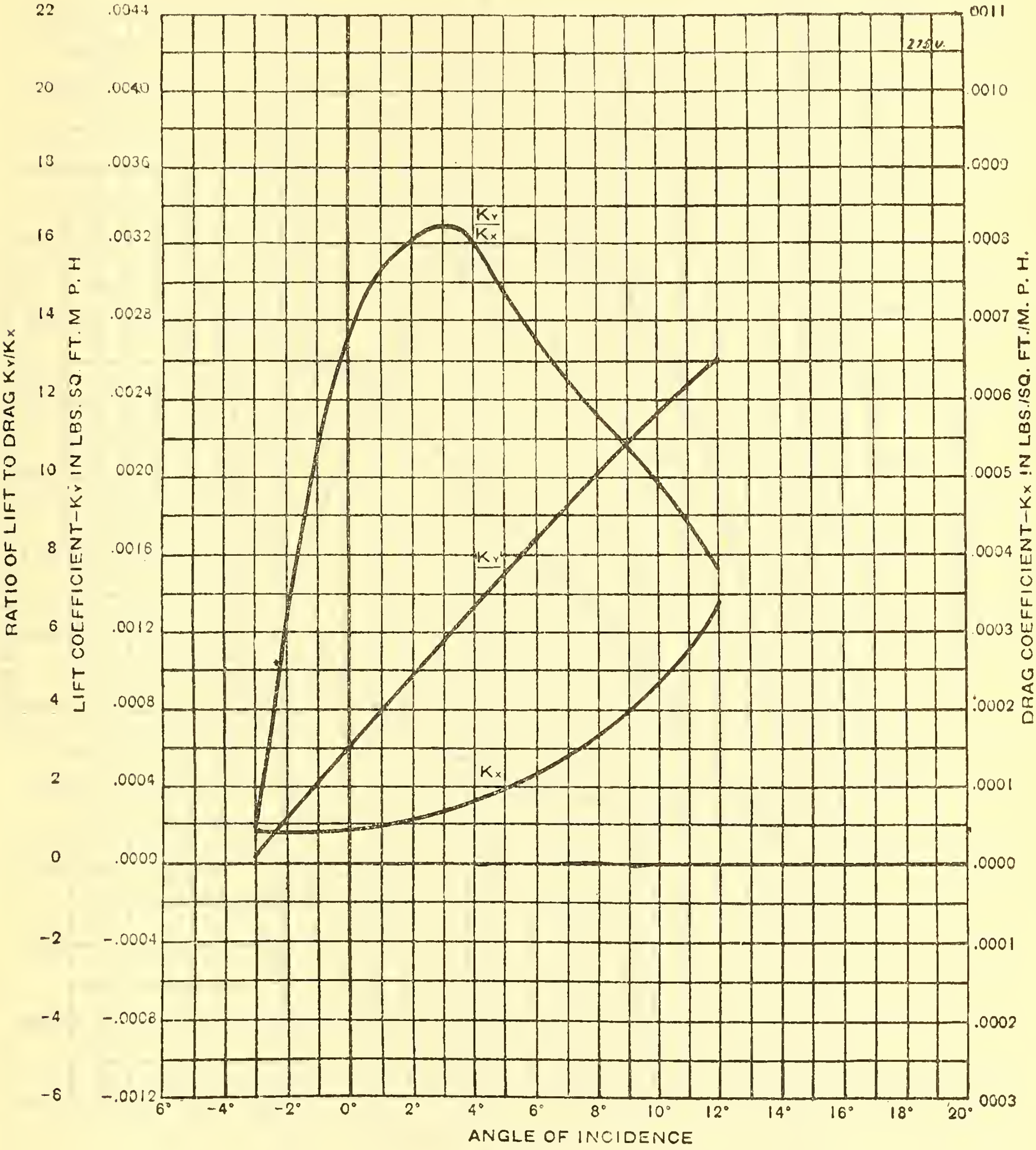
LOWER PLANE.

Distance from leading edge	0	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
Upper camber	.006	.025	.038	.057	.0695	.074	.073	.069	.06	.044	.024	0
Lower camber	.006	0	.003	.013	.024	.028	.0277	.024	.017	.007	.002	0

All dimensions given as decimal parts of chord.

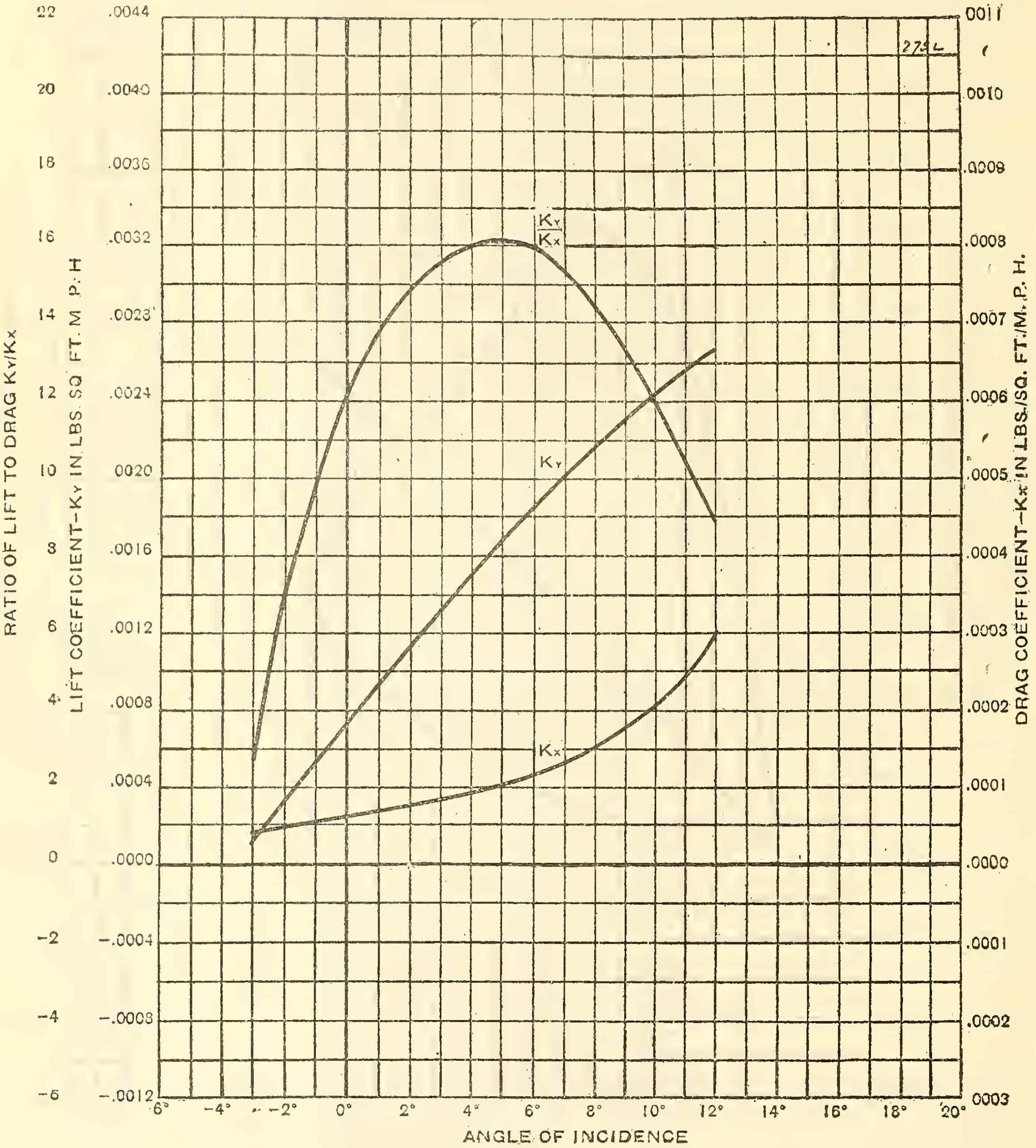
AEROFOIL, ITALIAN BIPLANE No. 390 (UPPER PLANE).

SIZE OF MODEL, 1,200 BY 187.5 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, CROCCO.

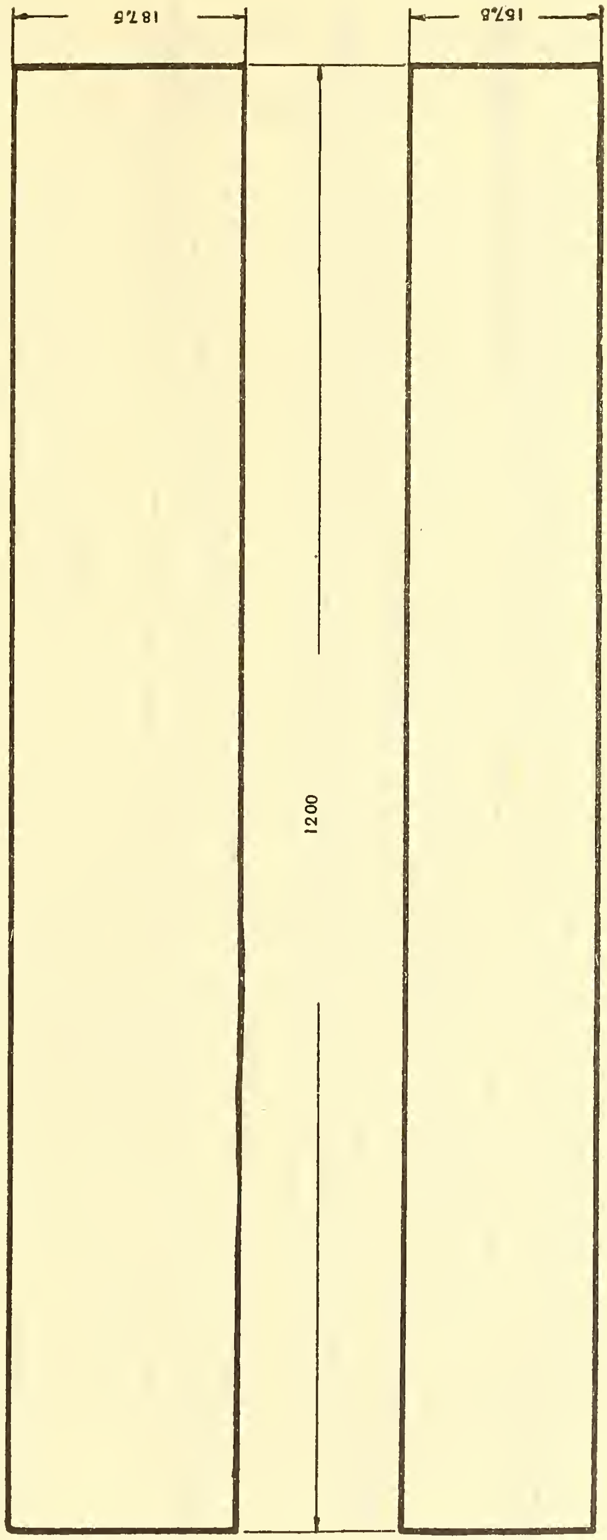


AEROFOIL, ITALIAN BIPLANE No. 390 (LOWER PLANE).

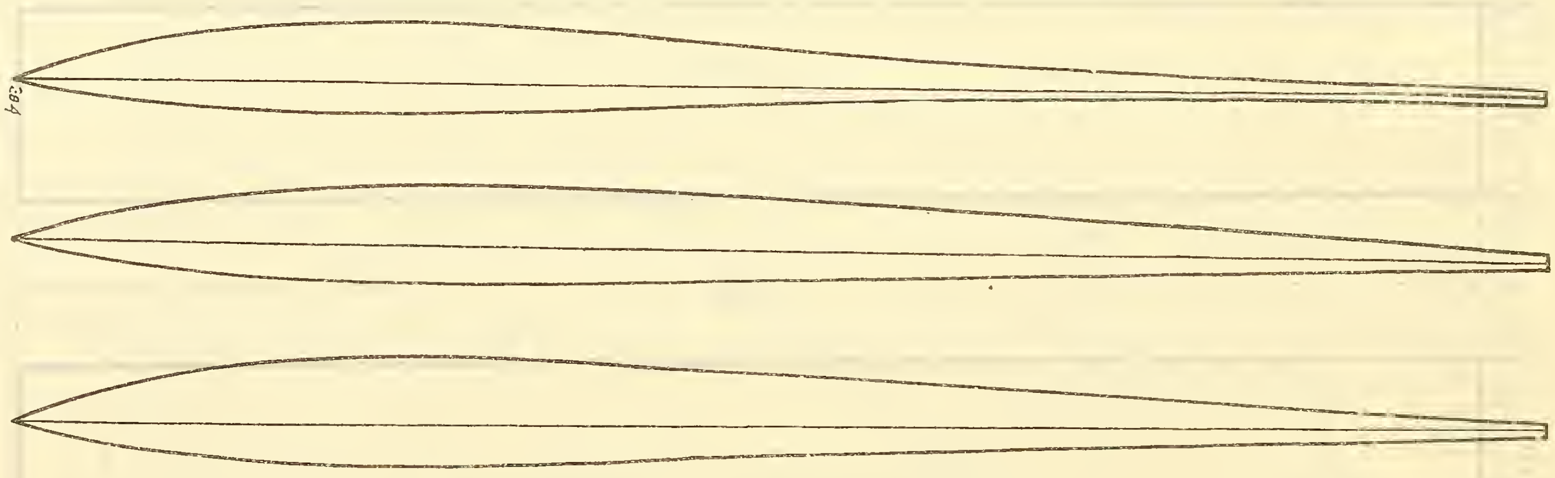
SIZE OF MODEL, 1,200 BY 157.5 MM.
VELOCITY OF WIND, ------.
WIND TUNNEL, CROCCO.



ITALIAN BIPLANE No. 390.



AEROFOIL, SPAD TAIL SURFACE No. 1.

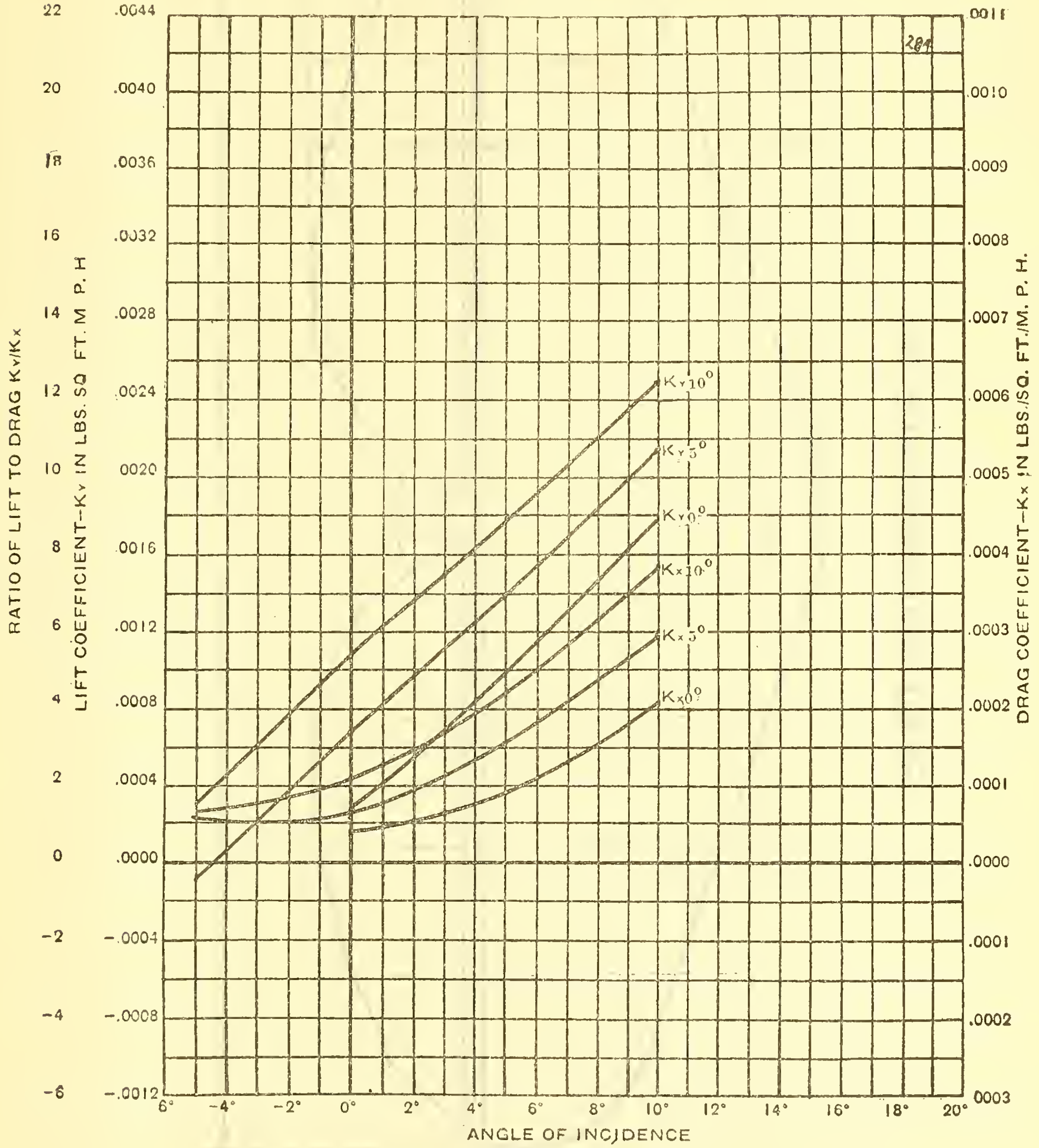


	Section a–b.							Section c–d.						Section e–f.				
Distance from leading edge	0	.102	.198	.313	.425	.541	1.00	0	.29	.410	.53	.59	1.00	0	.185	.318	.423	1.00
Upper camber	0	.0268	.0376	.0350	.0291	.0187	.00417	0	.0395	.0375	.0297	.0247	.0034	0	.042	.0428	.0375	.00267
Lower camber	0	−.0167	−.0209	−.0192	−.0167	−.0104	−.00417	0	−.0217	−.0207	−.0187	−.0173	−.0034	0	−.0247	−.028	−.0201	−.00267

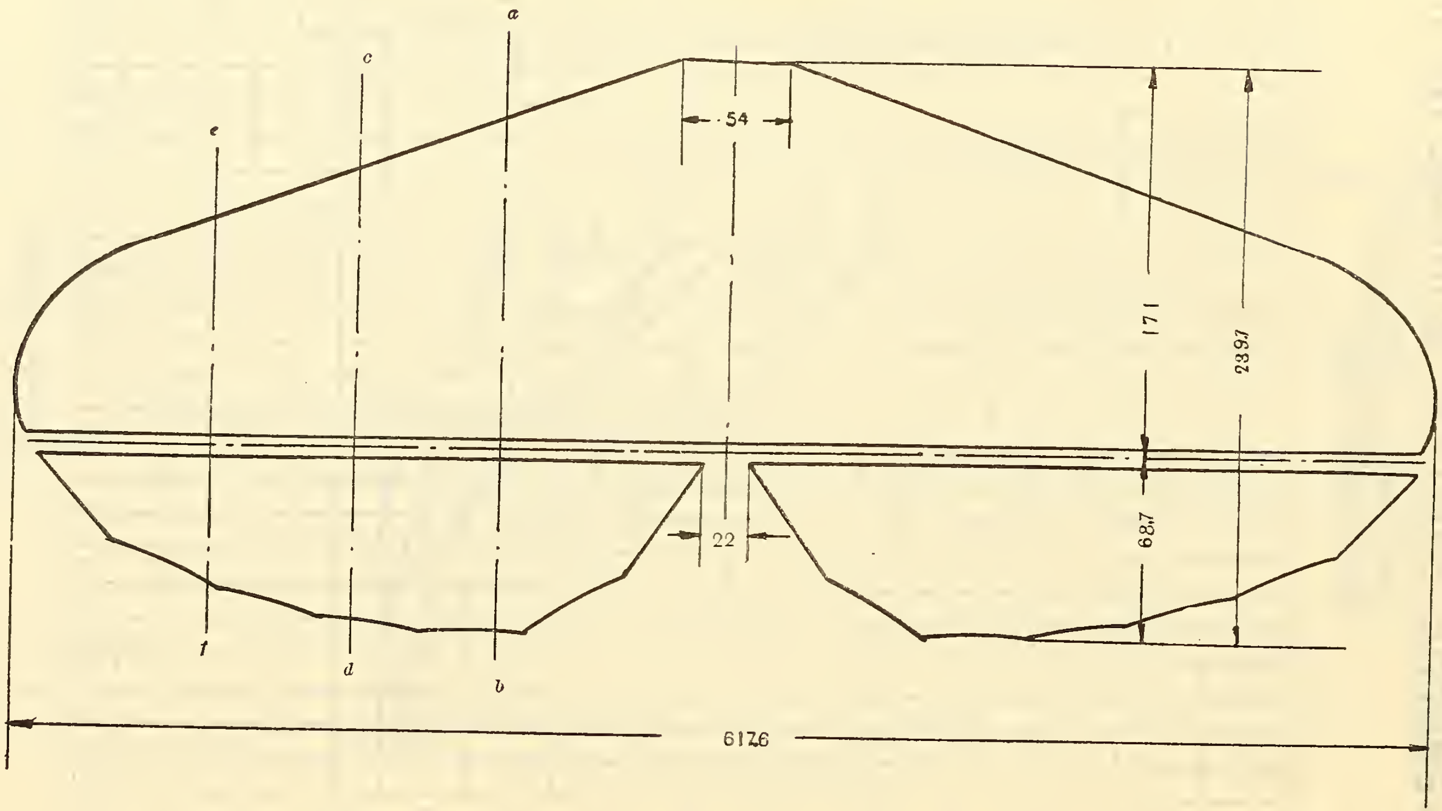
All dimensions given as decimal parts of chord.

AEROFOIL, SPAD TAIL SURFACE No. 1.

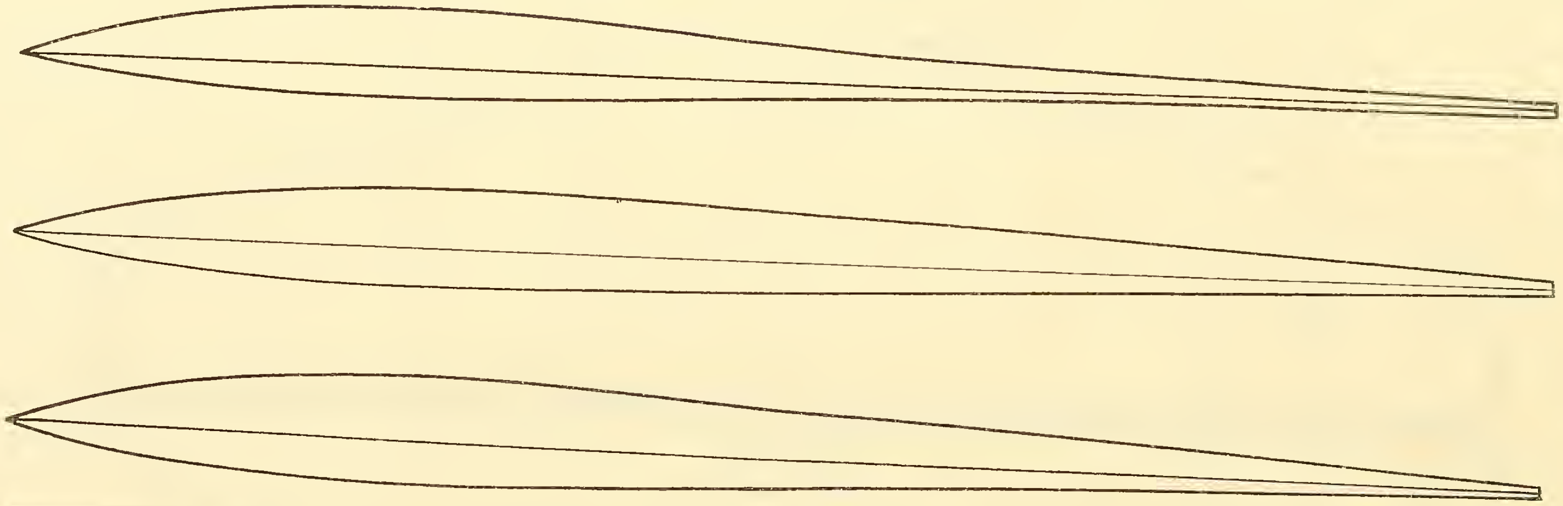
SIZE OF MODEL, 617.6 BY 239.7 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



SPAD TAIL SURFACE No. 1.



AEROFOIL, SPAD TAIL SURFACE No. 2

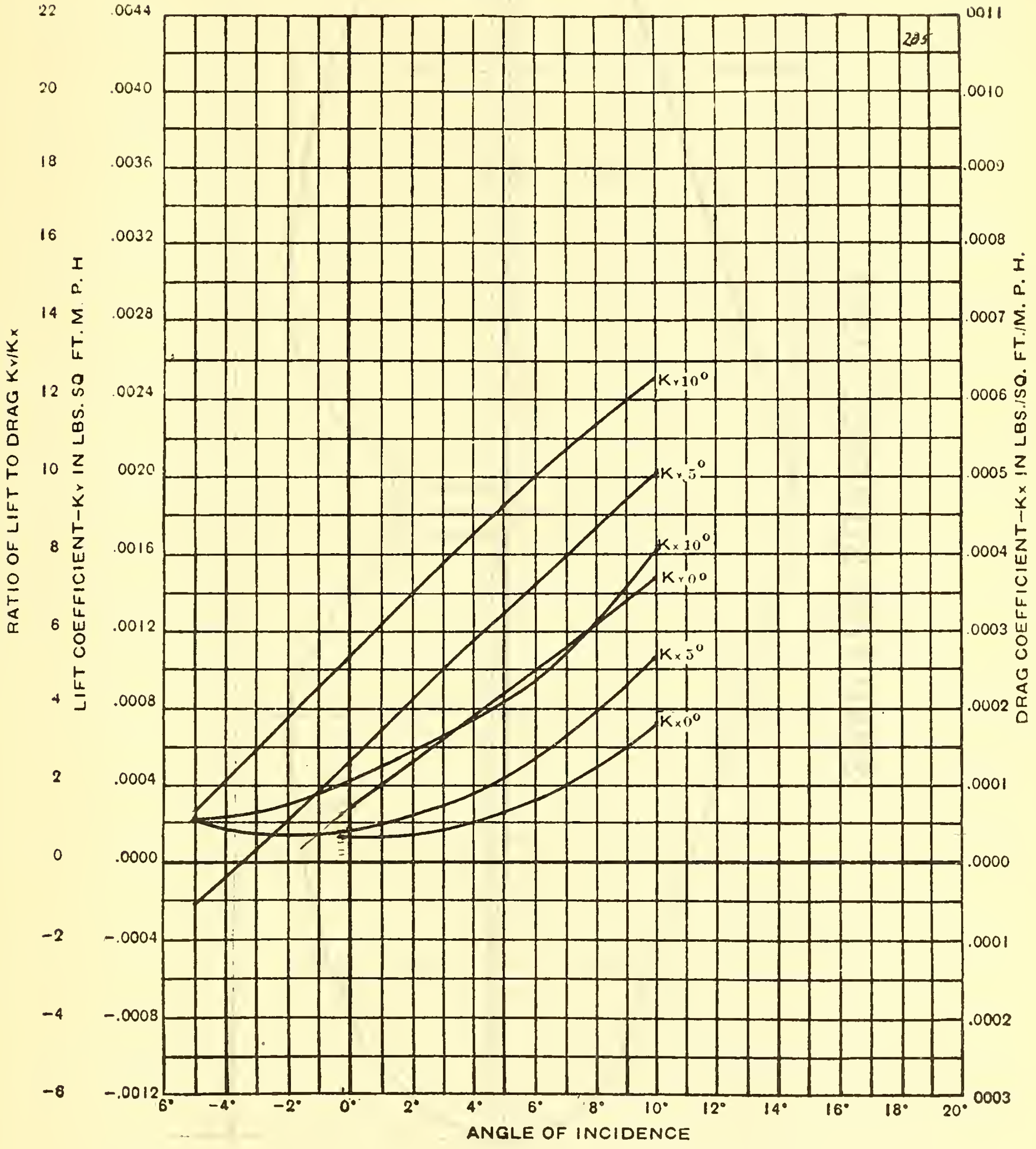


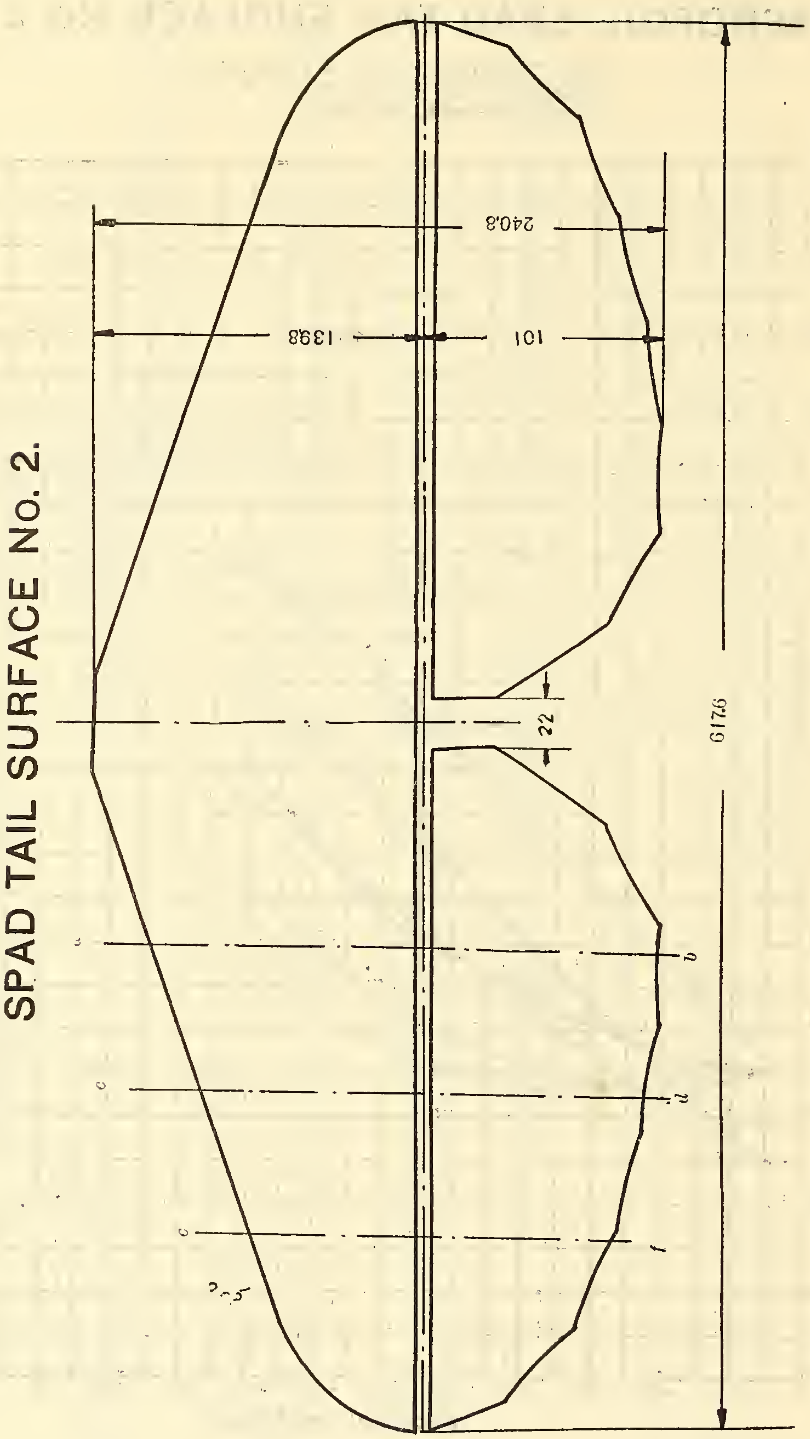
	Section a–b.							Section c–d.						Section e–f.				
Distance from leading edge	0	.102	.198	.313	.425	.541	1.00	0	.29	.410	.53	.59	1.00	0	.185	.318	.423	1.00
Upper camber	0	.0268	.0376	.0350	.0291	.0187	.00417	0	.0395	.0375	.0297	.0247	.0034	0	.042	.0428	.0375	.00267
Lower camber	0	−.0167	−.0209	−.0192	−.0167	−.0104	−.00417	0	−.0217	−.0207	−.0187	−.0173	−.0034	0	−.0247	−.028	.0201	−.00267

All dimensions given as decimal parts of chord.

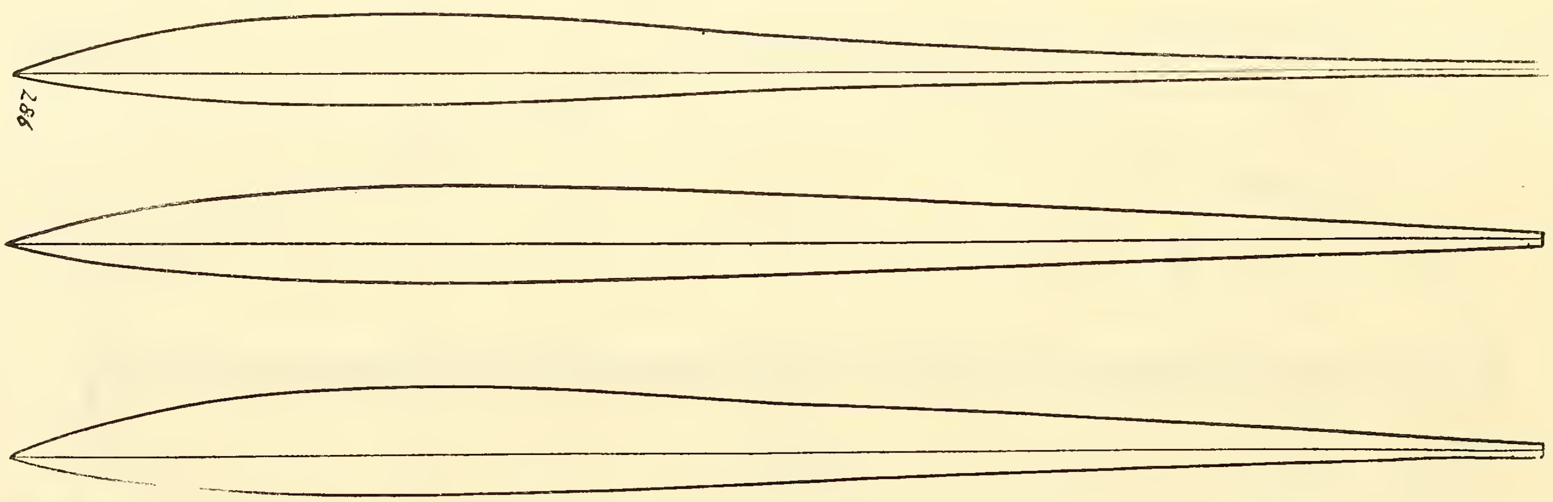
AEROFOIL, SPAD TAIL SURFACE No. 2.

SIZE OF MODEL, 617.6 BY 240.8 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.




SPAD TAIL SURFACE No. 2.
240.8
139.8
101
22
617.6

AEROFOIL, SPAD TAIL SURFACE No. 3.

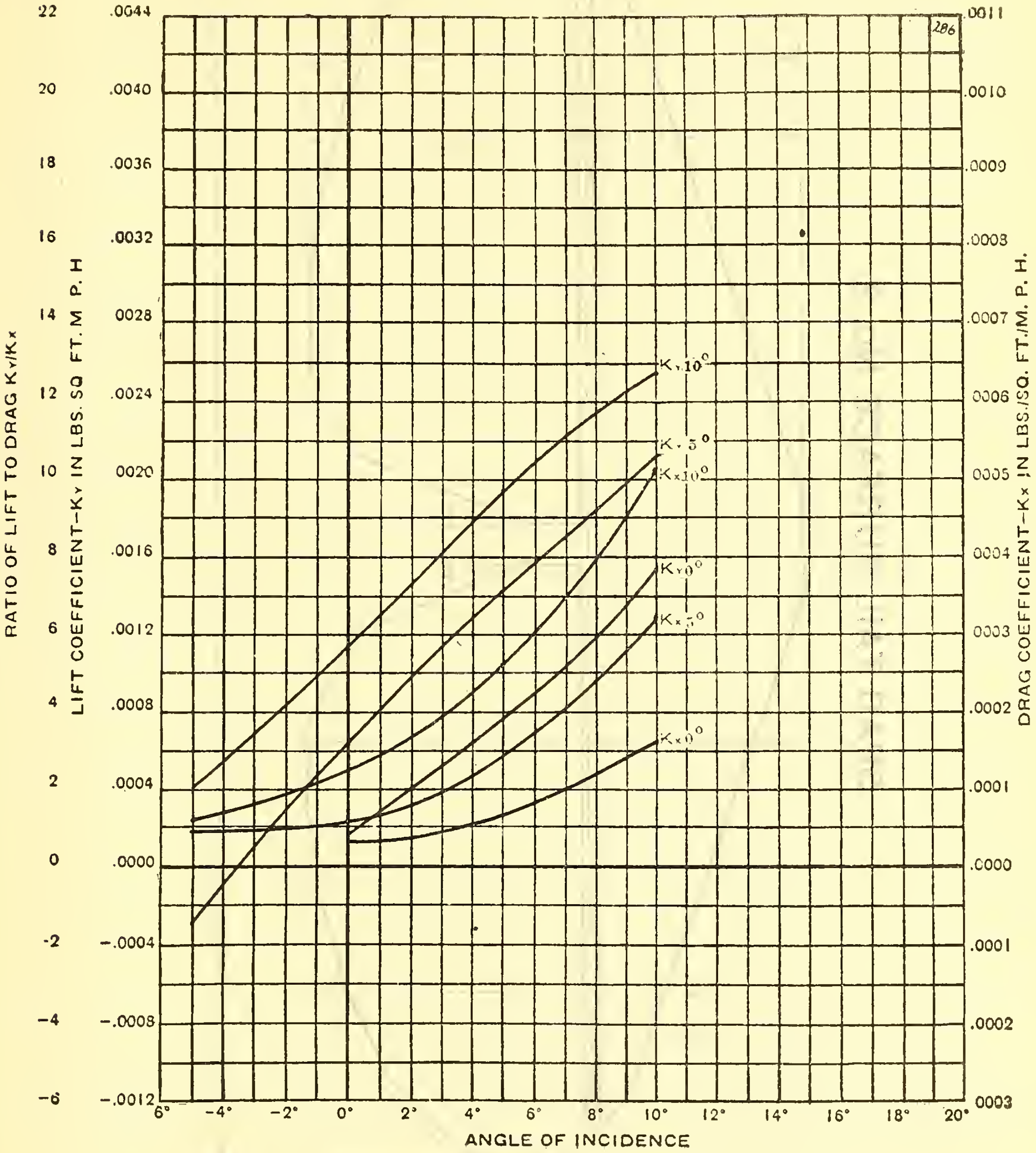


	Section a–b.							Section c–d.						Section e–f.				
Distance from leading edge	0	.102	.198	.313	.425	.541	1.00	0	.29	.410	.53	.59	1.00	0	.185	.318	.432	1.00
Upper camber	0	.0268	.0376	.0350	.0291	.0187	.00417	0	.0395	.0375	.0297	.0247	.0034	0	.042	.0428	.0375	.00267
Lower camber	0	–.0167	–.0209	–.0192	–.0167	–.0104	–.00417	0	–.0217	–.0207	–.0187	–.0173	–.0034	0	–.0247	–.028	–.0201	–.00267

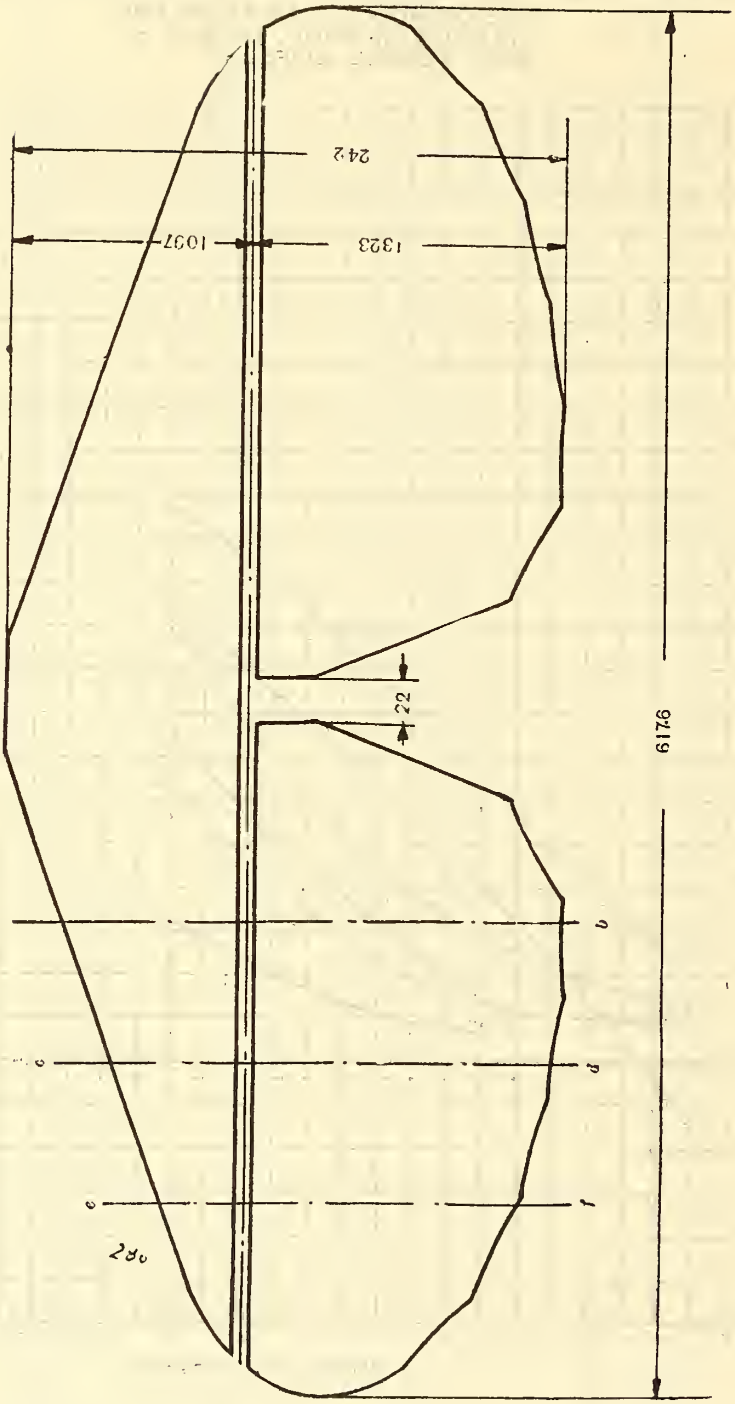
All dimensions given as decimal parts of chord.

AEROFOIL, SPAD TAIL SURFACE No. 3.

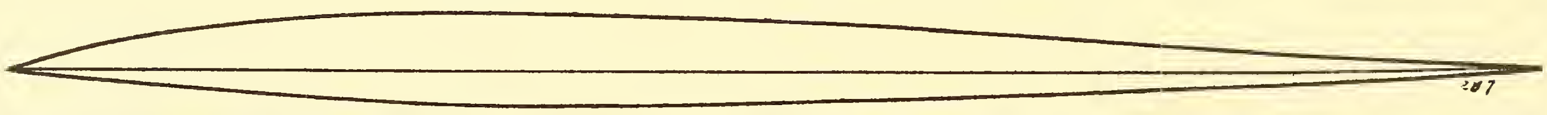
SIZE OF MODEL, 617.6 BY 242 MM.
VELOCITY OF WIND, 22,4 M. P. H.
WIND TUNNEL, EIFFEL.



SPAD TAIL SURFACE NO. 3.

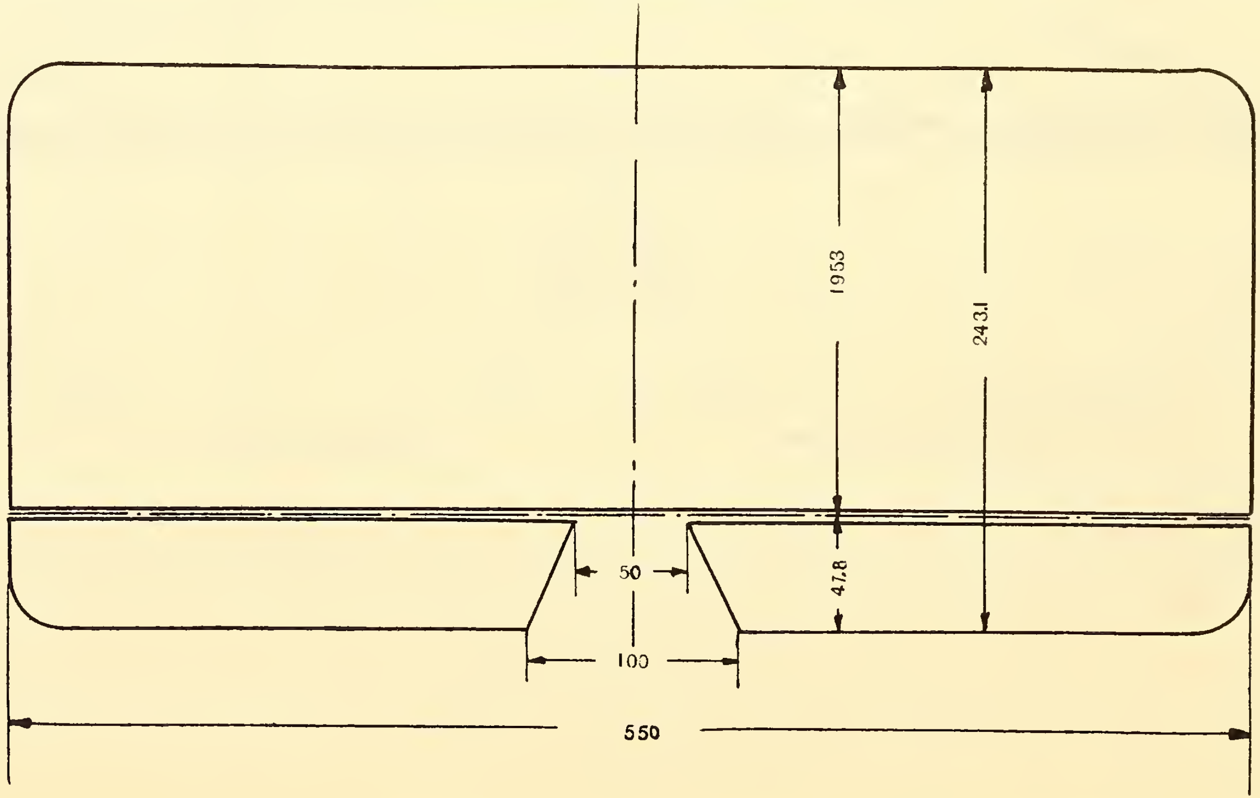


AEROFOIL, TAIL SURFACE No. 4.



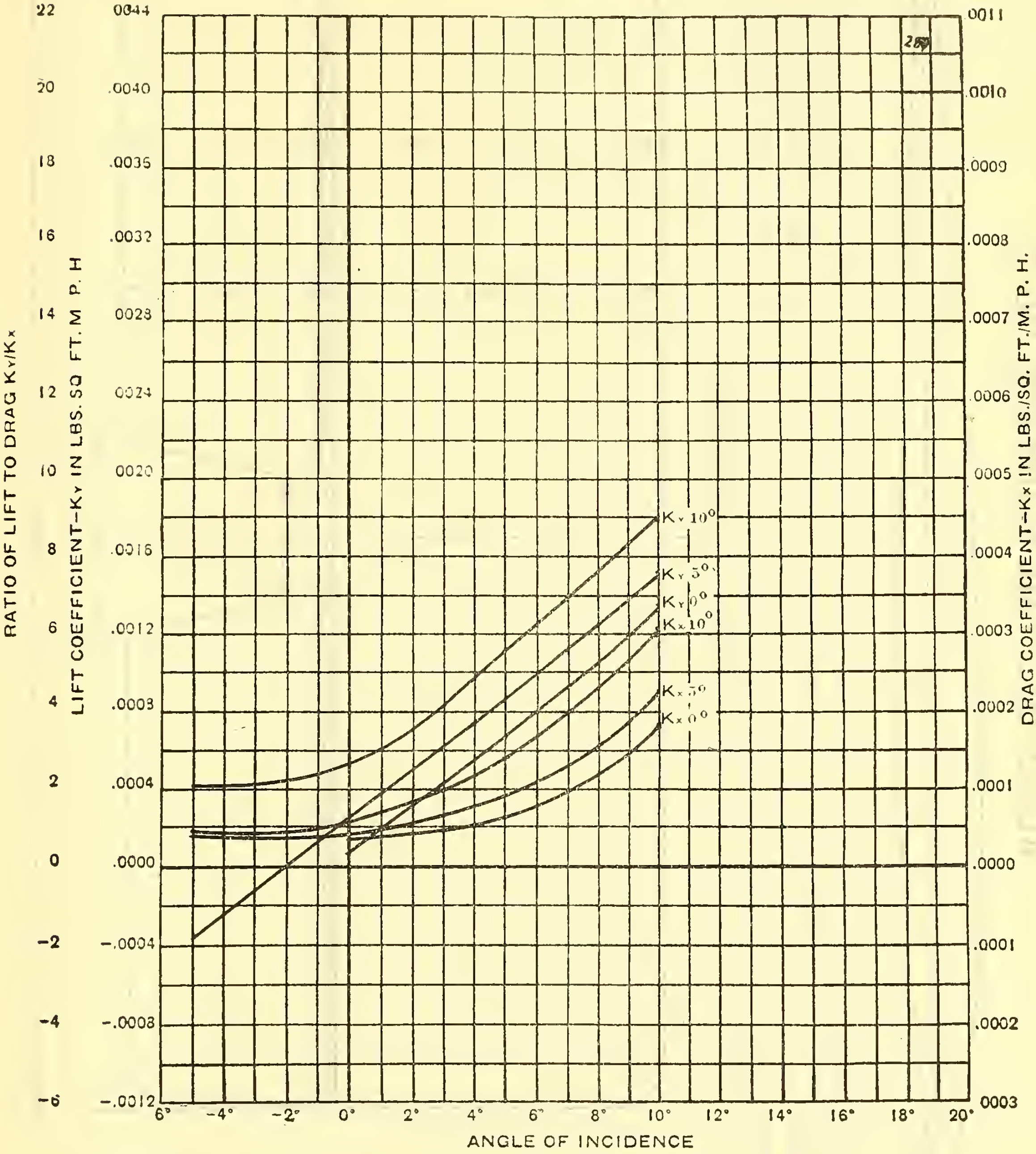
Distance from leading edge	0	.124	.247	.37	.494	1.00
Upper camber	0	.0292	.0378	.0394	.0308	0
Lower camber	0	–.0164	–.025	–.023	–.0206	0

All dimensions given as decimal parts of chord.

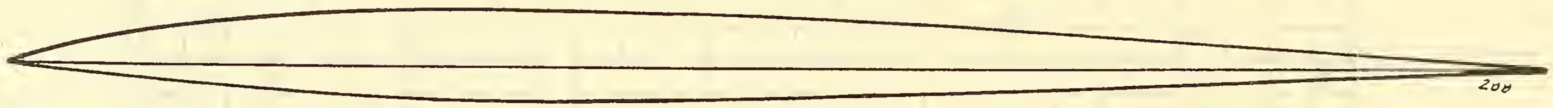


AEROFOIL, TAIL SURFACE No. 4.

SIZE OF MODEL, 550 BY 243.1 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

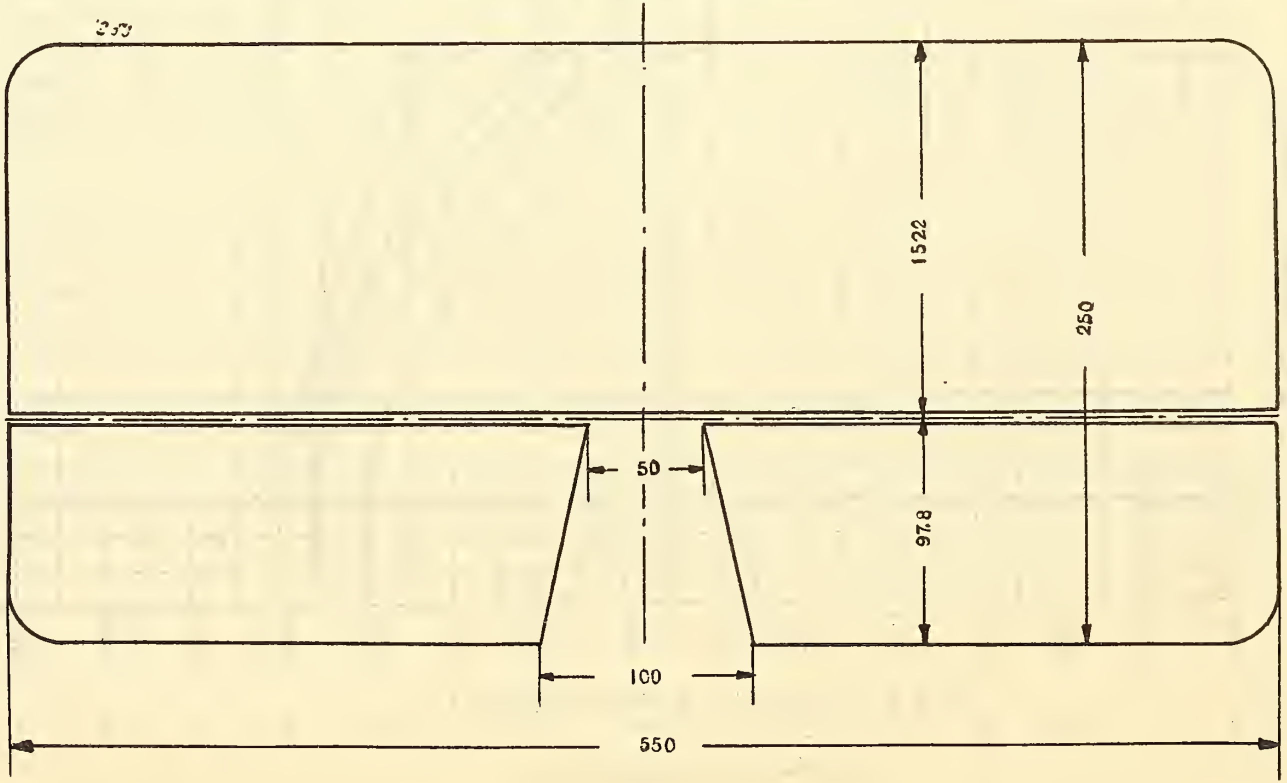


AEROFOIL, TAIL SURFACE No. 5.



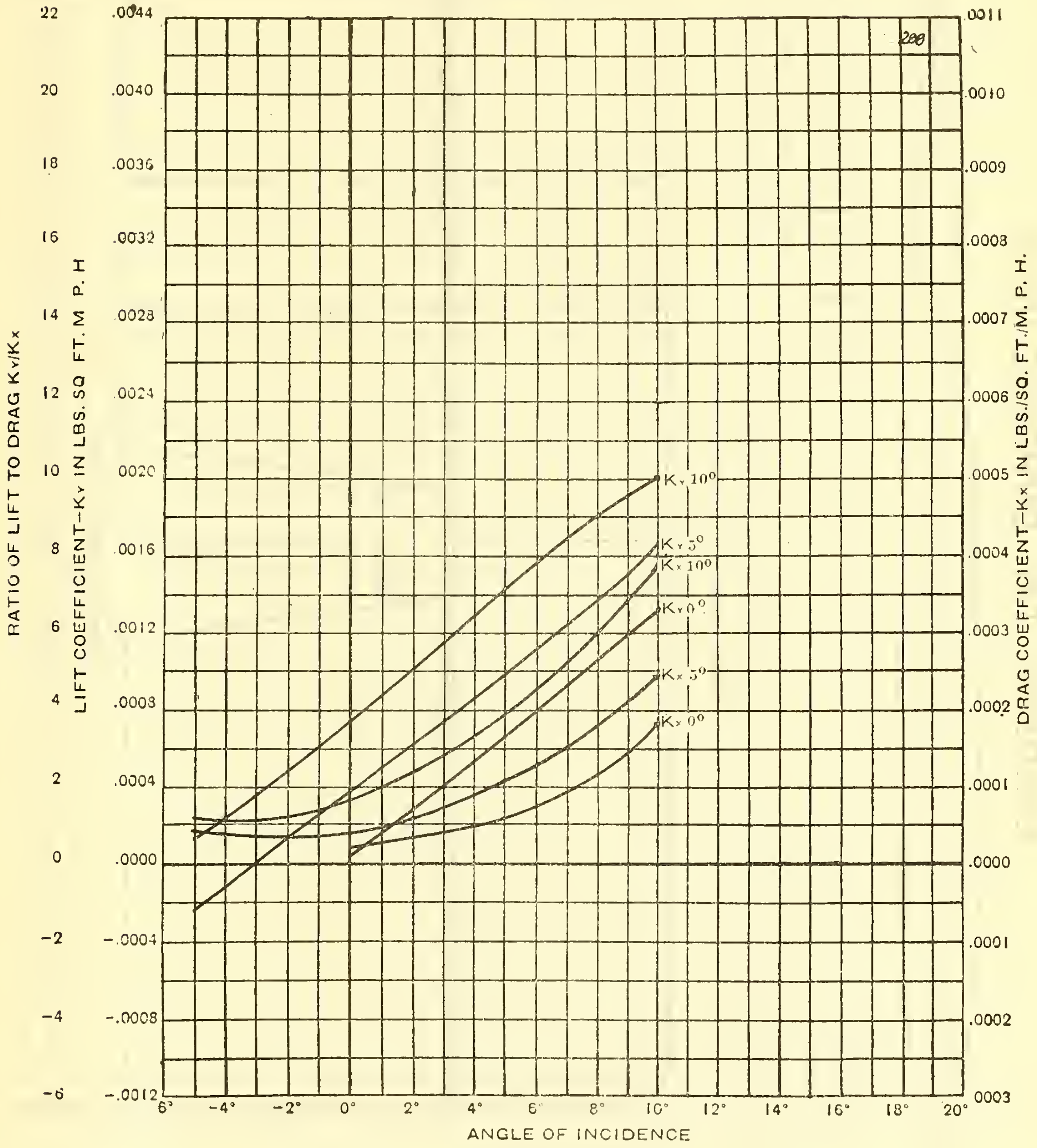
Distance from leading edge	0	.124	.247	.37	.494	1.00
Upper camber	0	.0292	.0378	.0394	.0308	0
Lower camber	0	–.0164	–.025	–.023	–.0206	0

All dimensions given as decimal parts of chord.

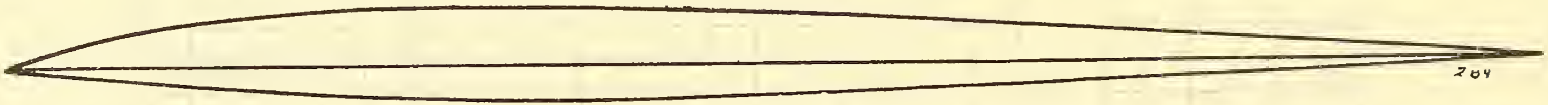


AEROFOIL, TAIL SURFACE No. 5.

SIZE OF MODEL, 550 BY 250 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.

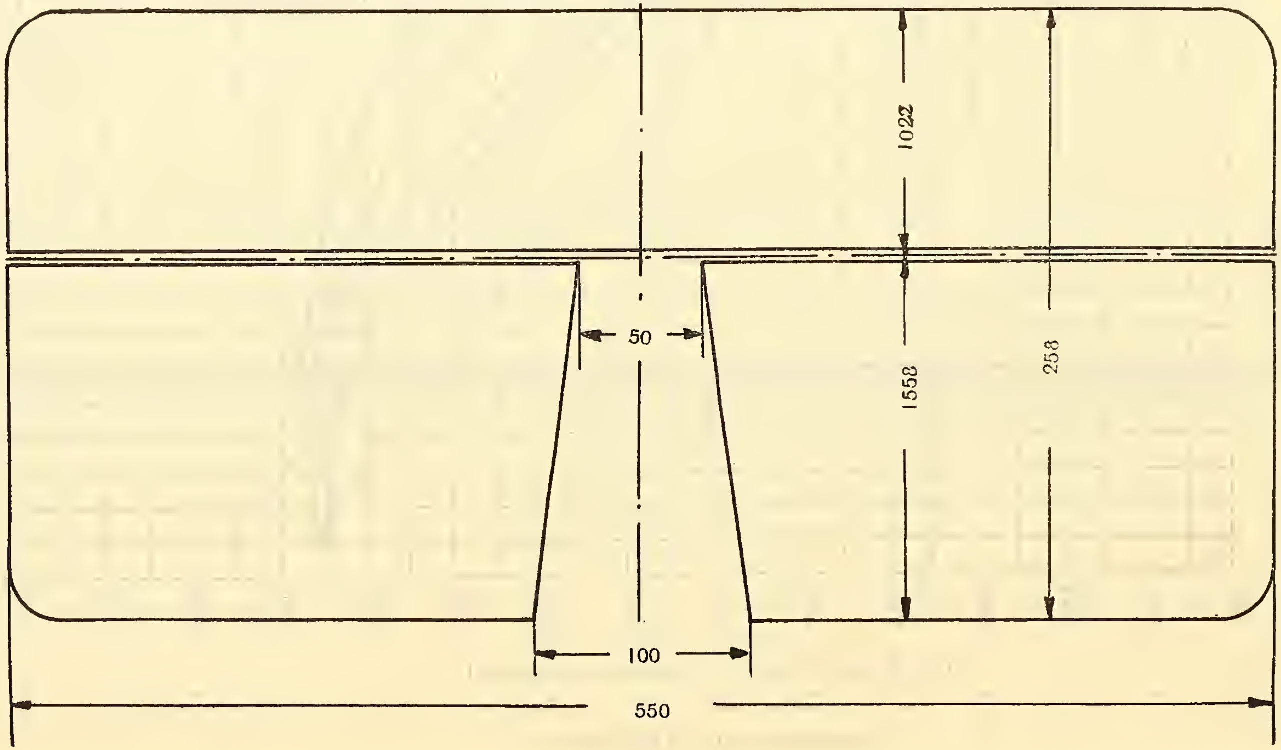


AEROFOIL, TAIL SURFACE No. 6.



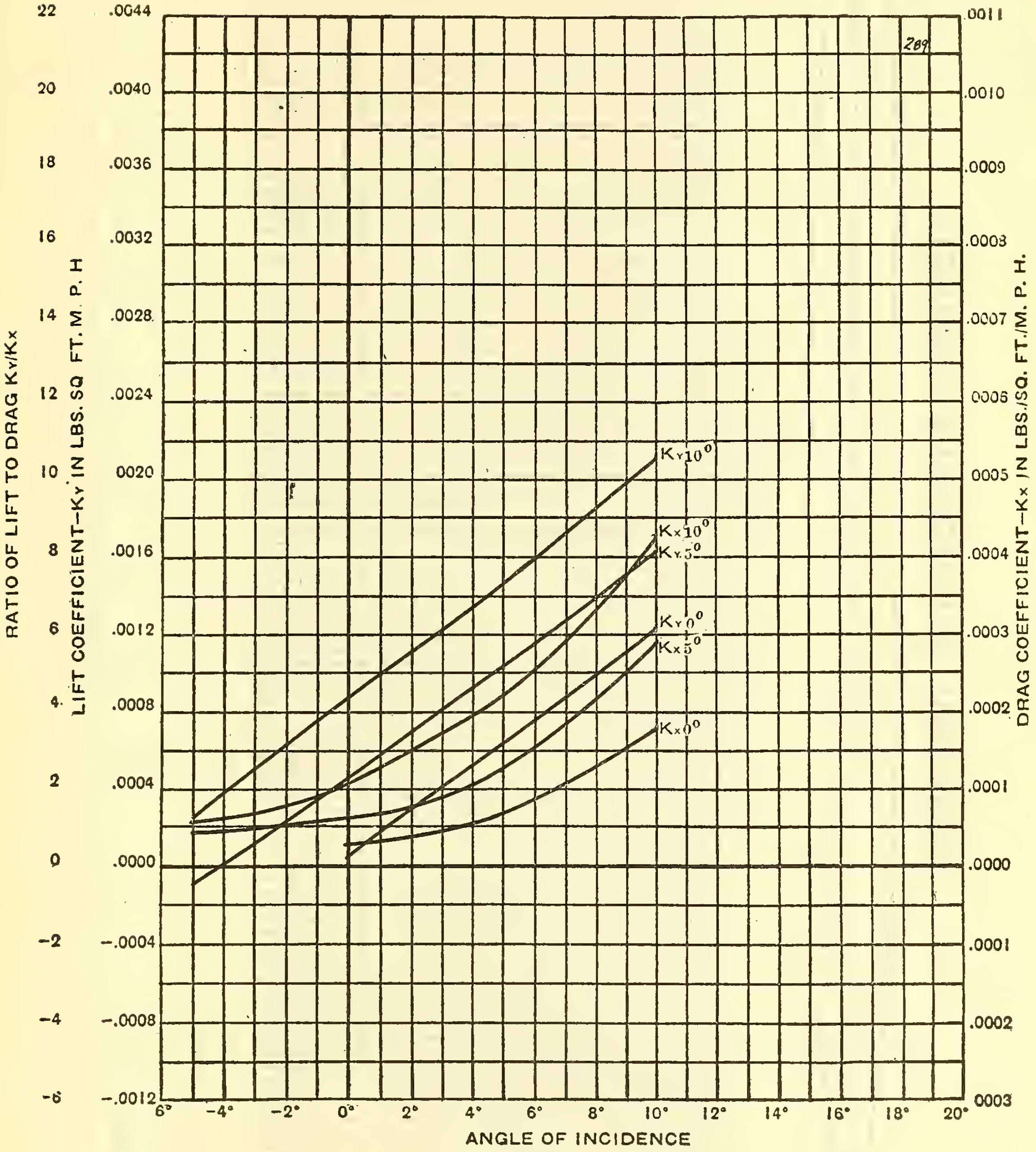
Distance from leading edge	0	.124	.247	.37	.494	1.00
Upper camber	0	.0292	.0378	.0394	.0308	0
Lower camber	0	−.0164	−.025	−.023	−.0206	0

All dimensions given as decimal parts of chord.

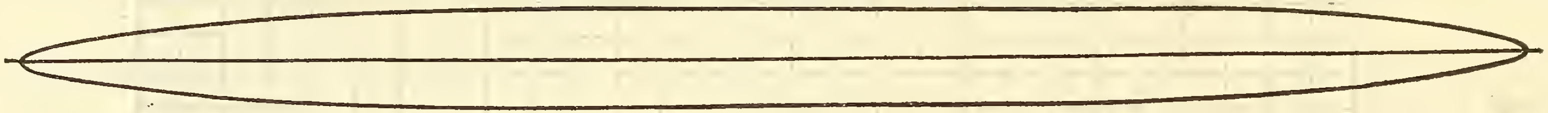


AEROFOIL, TAIL SURFACE No. 6.

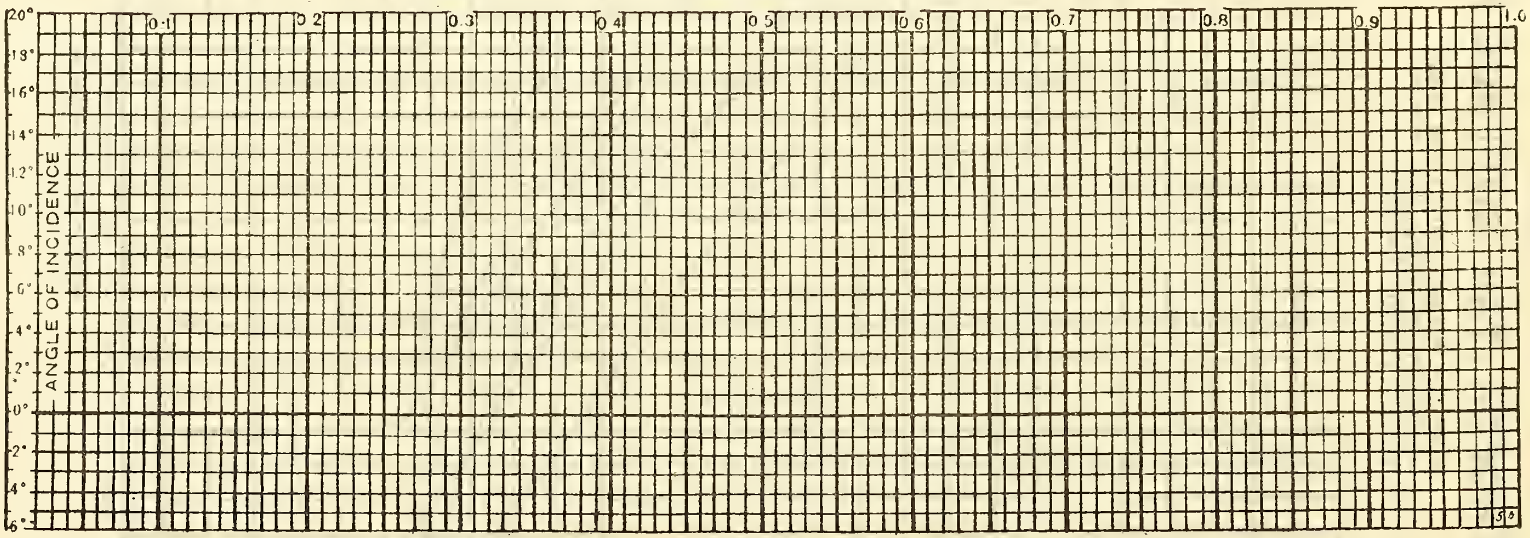
SIZE OF MODEL, 550 BY 258 MM.
VELOCITY OF WIND, 22.4 M. P. H.
WIND TUNNEL, EIFFEL.



AEROFOIL, N–I (DOUBLE CAMBER).



CURVE OF CENTER OF PRESSURE TRAVEL

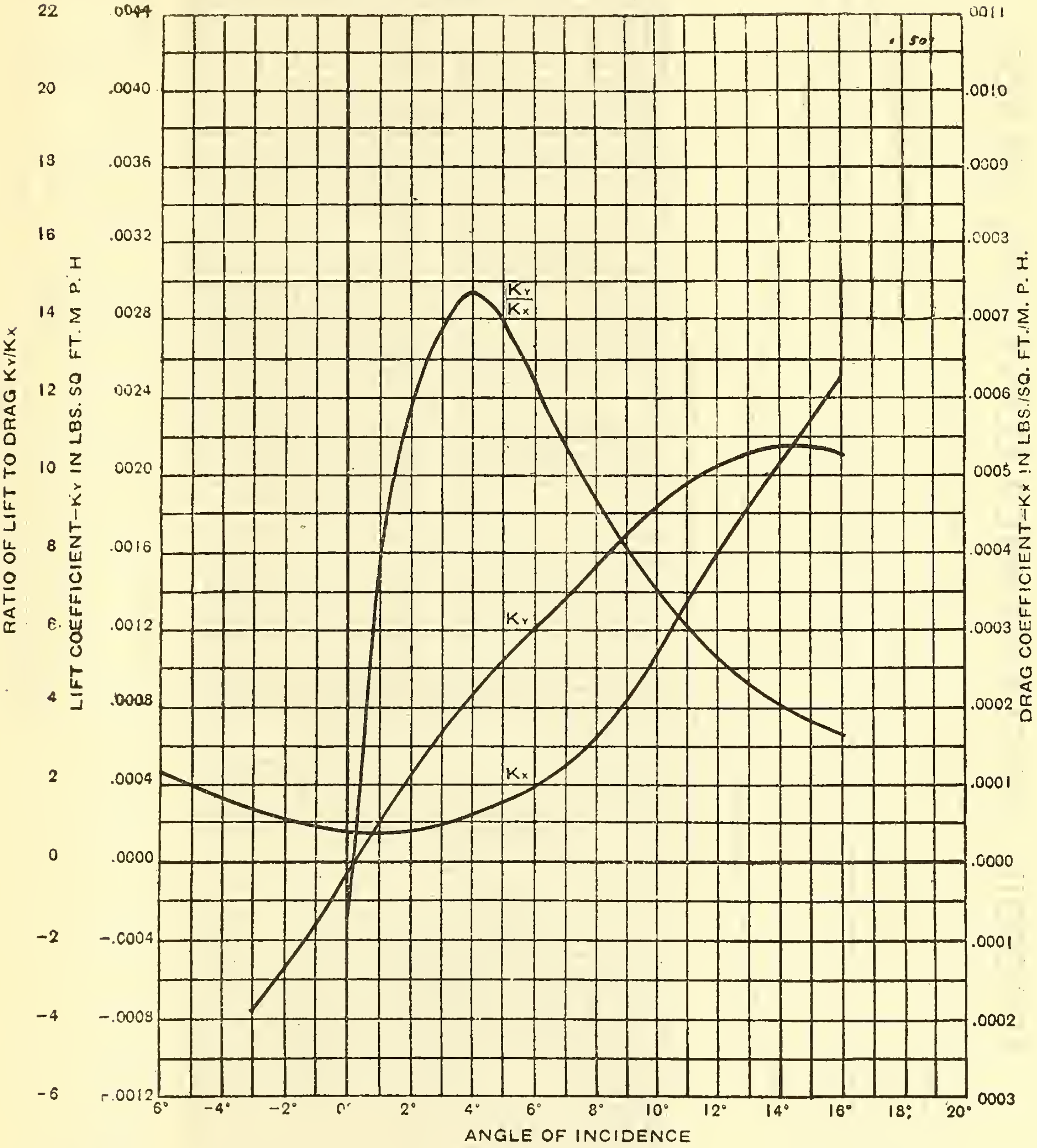


Distance from leading edge	0	.0078	.0625	.125	.187	.25	.75	.815	.875	.94	.992	1.00
Upper camber	0	.0039	.0156	.0234	.0274	.0286	.0286	.0274	.0234	.0156	.0039	0
Lower camber	0	–.0039	–.0156	–.0234	–.0274	–.0286	–.0286	–.0274	–.0234	–.0156	–.0039	0

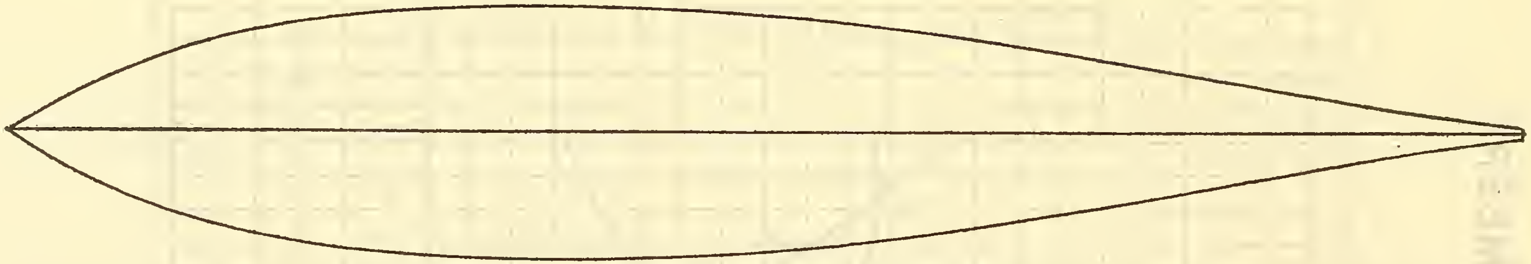
All dimensions given as decimal parts of chord.

AEROFOIL, N-I (DOUBLE CAMBER).

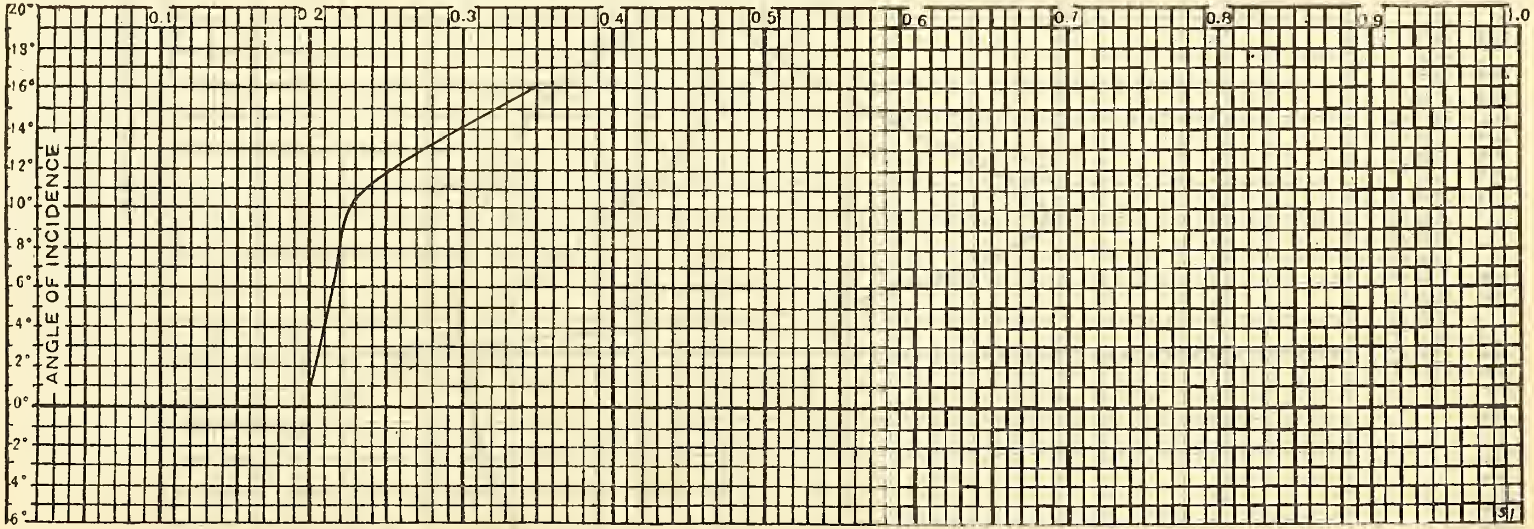
SIZE OF MODEL, 30 BY 5 INCHES.
VELOCITY OF WIND, 40 M. P. H.
WIND TUNNEL, W. N. Y.



AEROFOIL, DOUBLE CAMBER ELEVATOR SURFACE.



CURVE OF CENTER OF PRESSURE TRAVEL

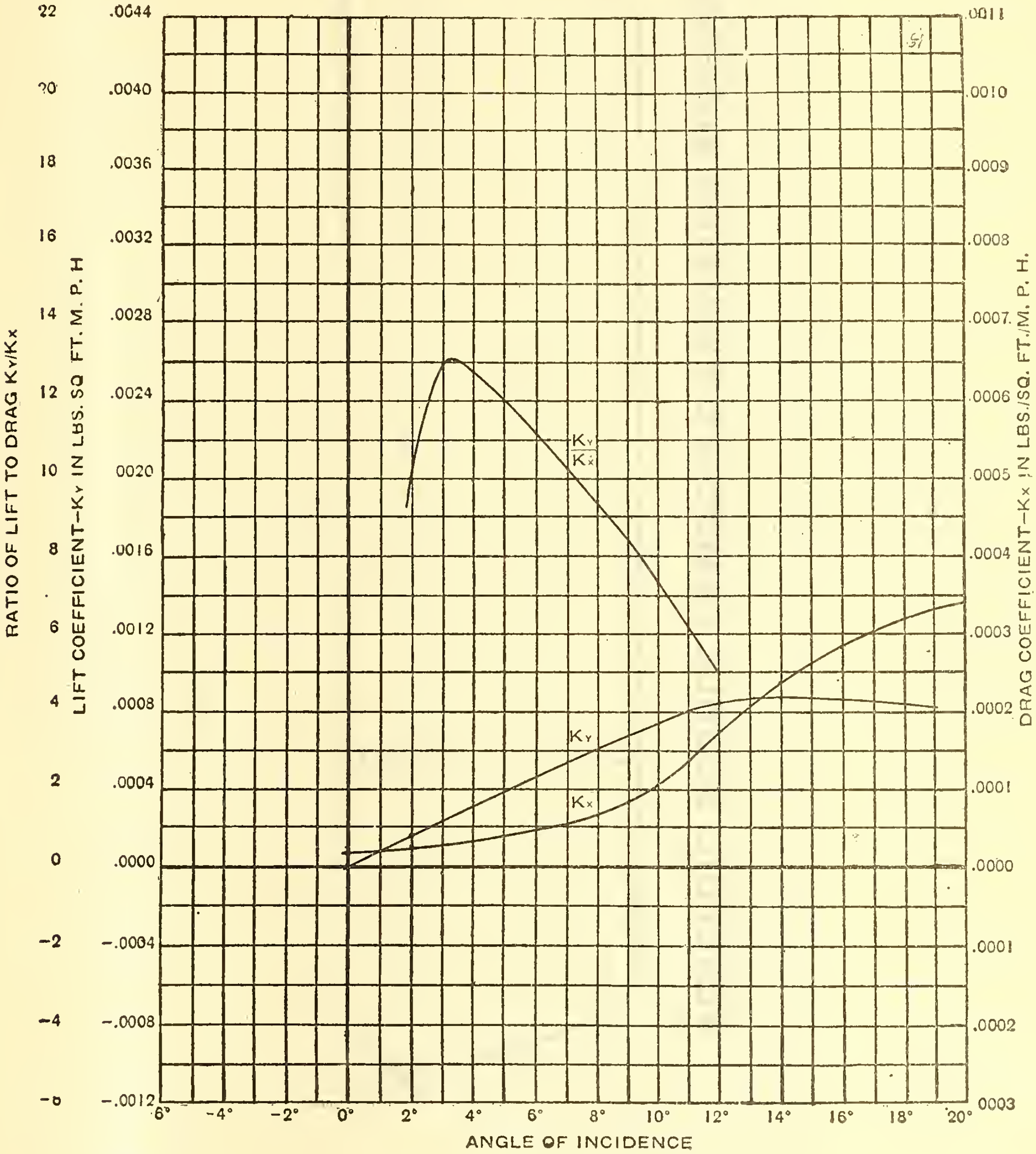


Distance from leading edge	0	.20	.40	.60	.80	1.00
Upper camber	0	.0792	.0875	.07	.0372	.0042
Lower camber	0	–.0792	–.0875	–.07	–.0372	–.0042

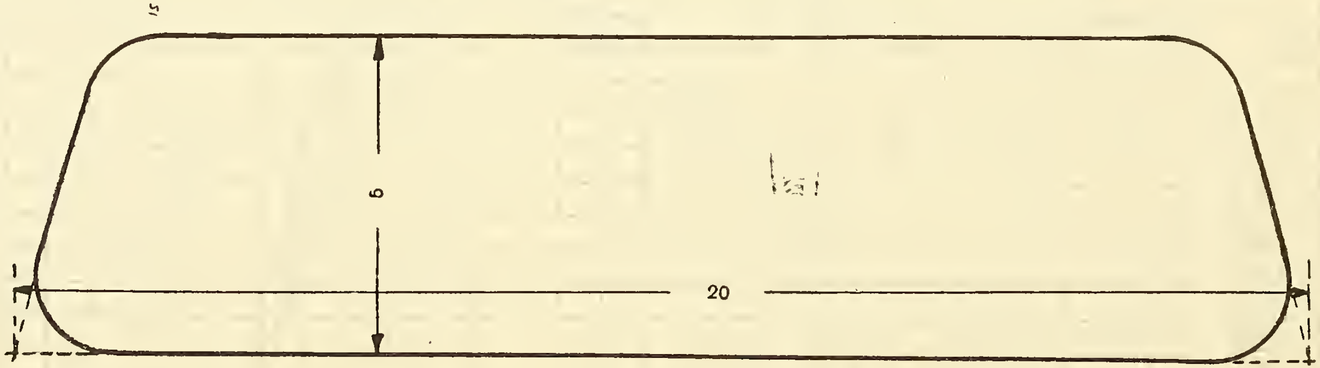
All dimensions given as decimal parts of chord.

AEROFOIL, DOUBLE CAMBER ELEVATOR SURFACE.

SIZE OF MODEL, 20 BY 5 INCHES.
VELOCITY OF WIND, 35 M. P. H.
WIND TUNNEL, M. I. T.



AEROFOIL, DOUBLE CAMBERED ELEVATOR SURFACE.



Gift of Major E. E. Aldrin

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